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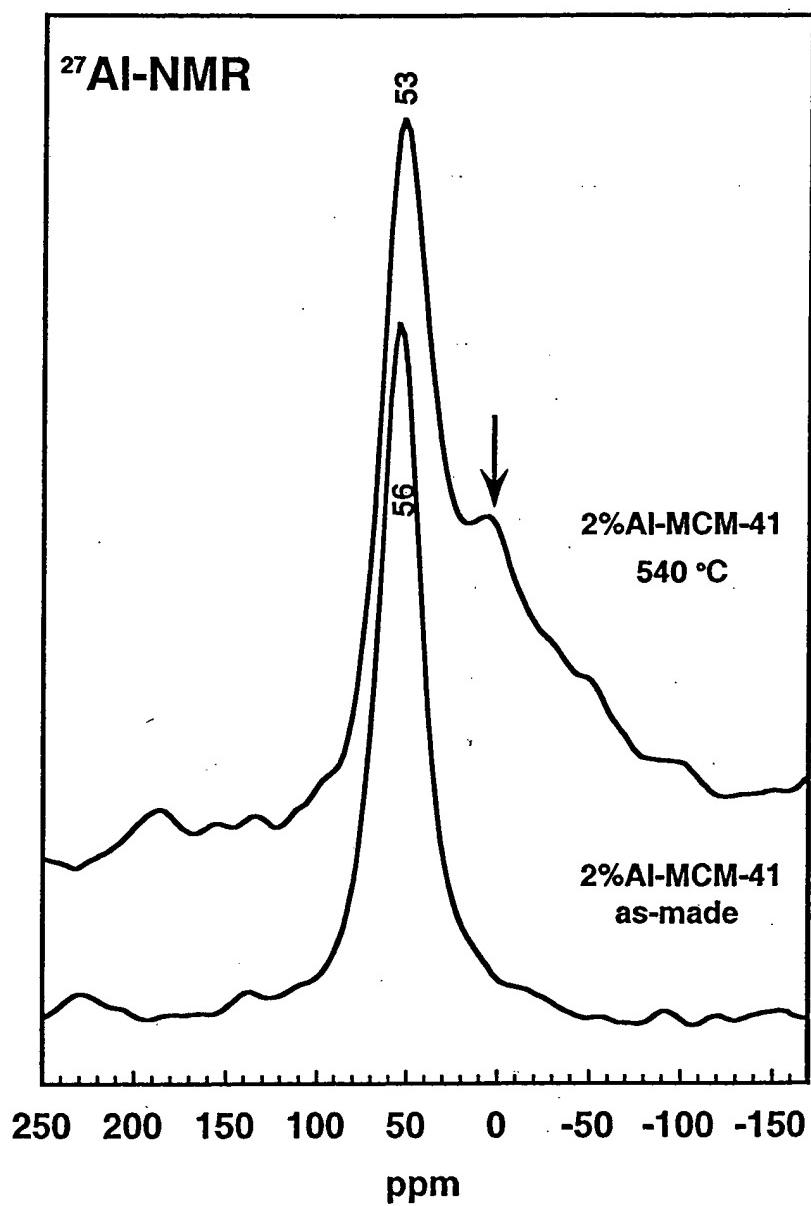


Figure 1

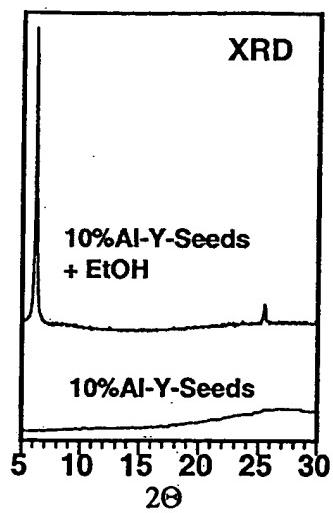


Figure 2A

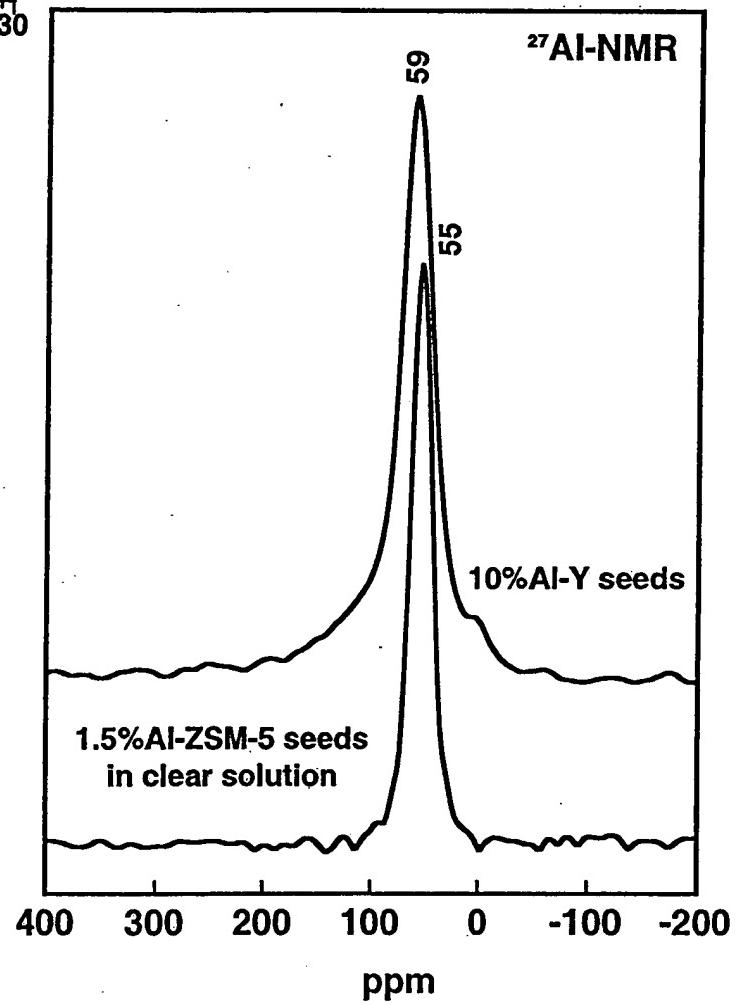


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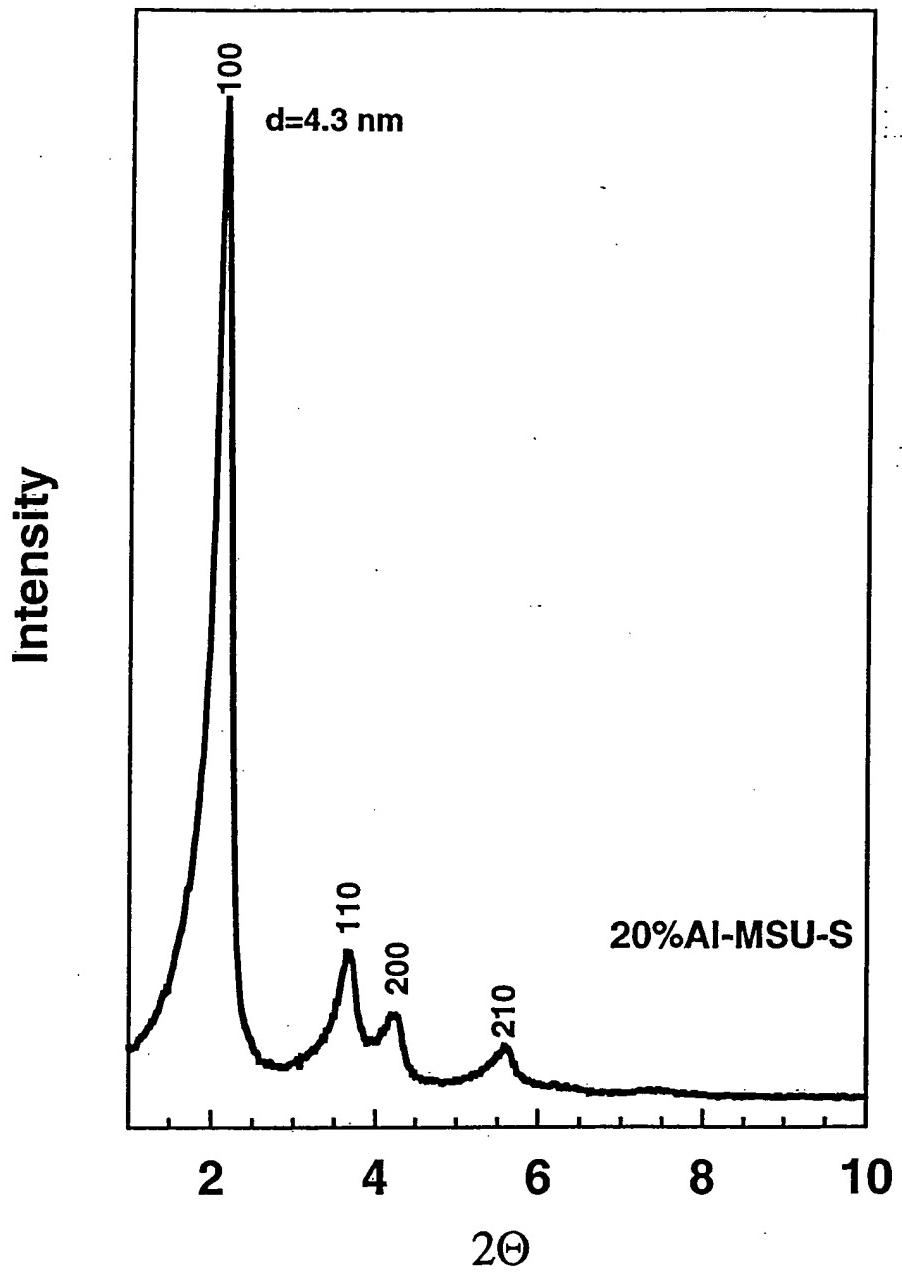


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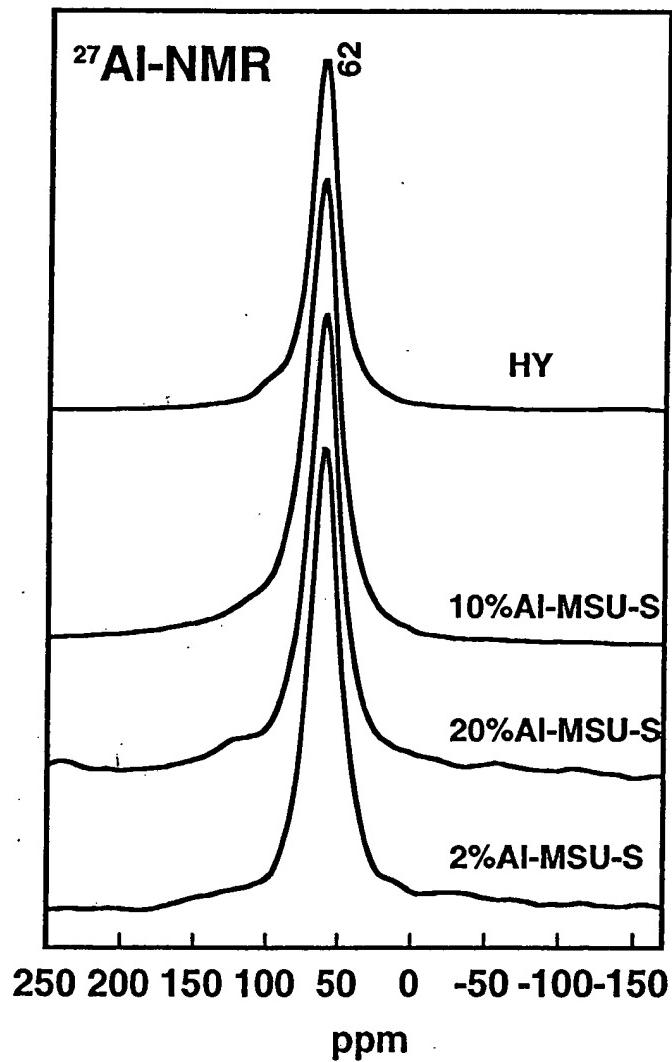


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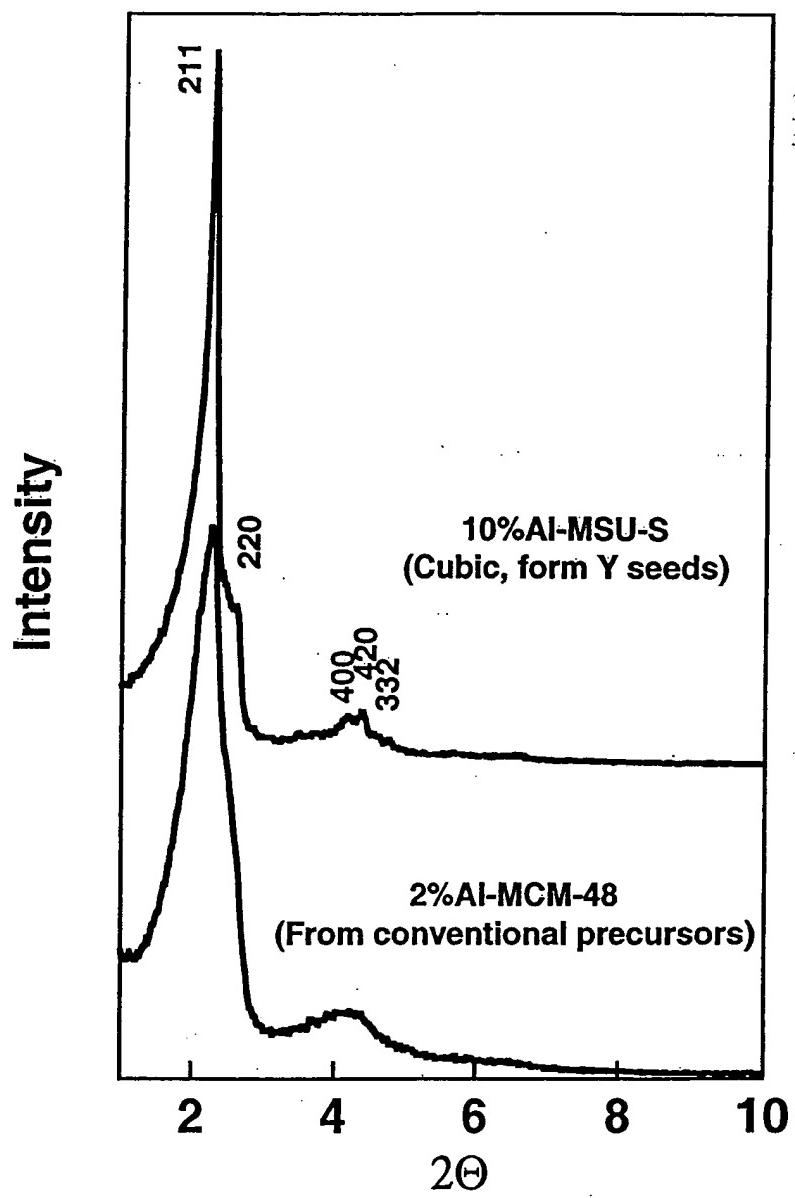


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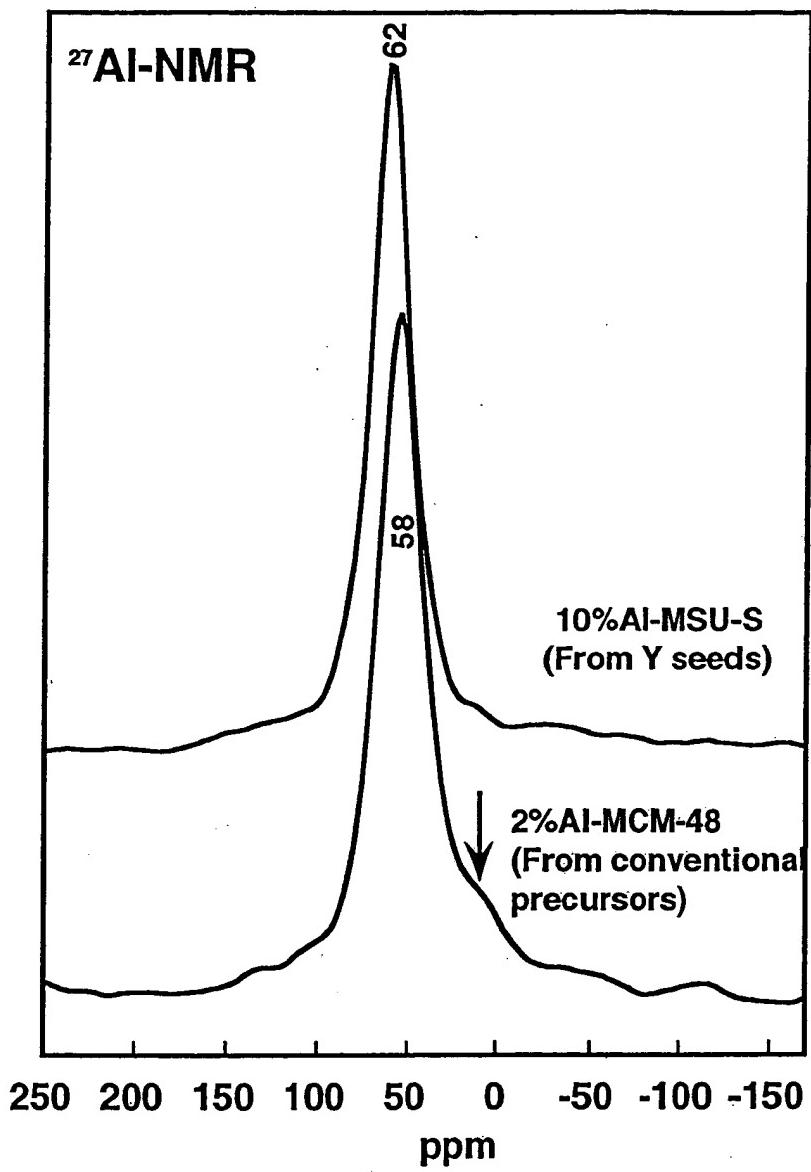


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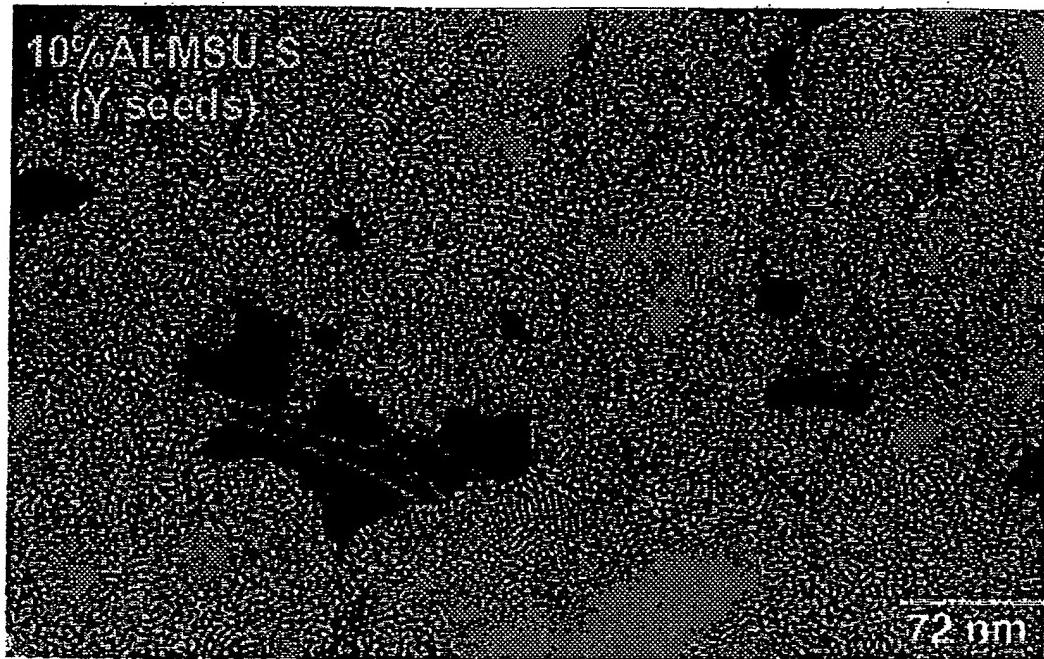


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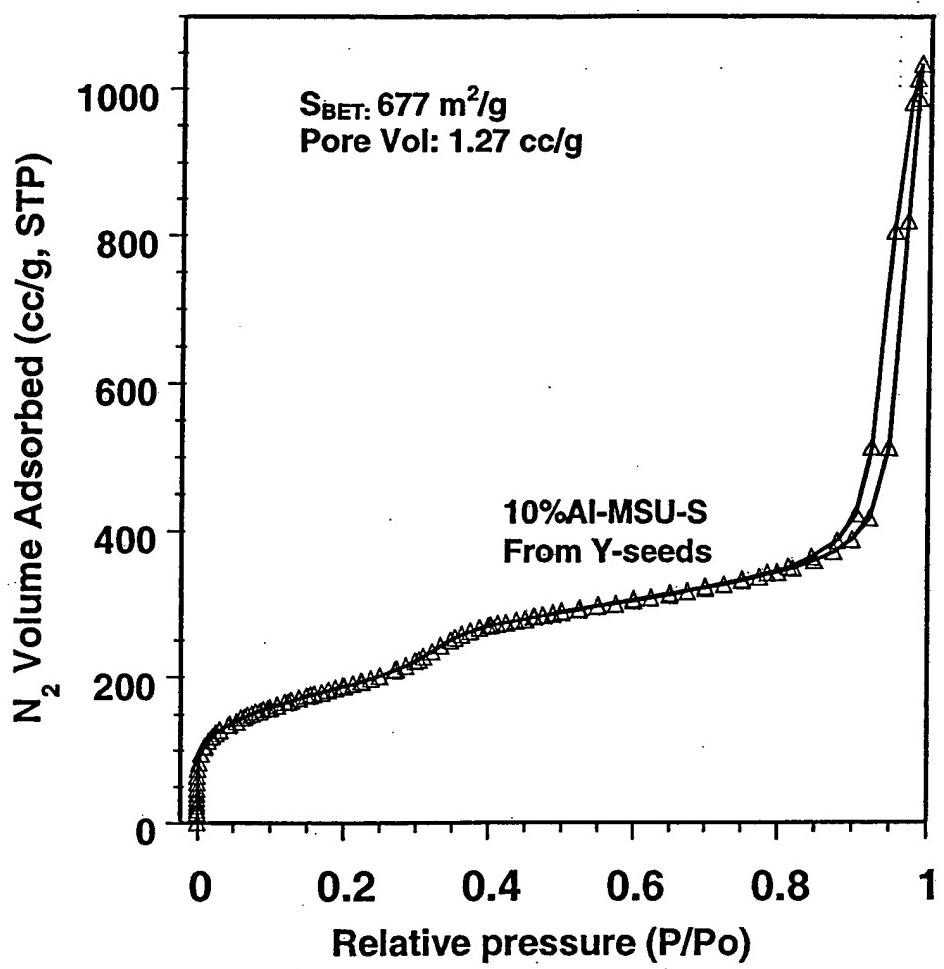


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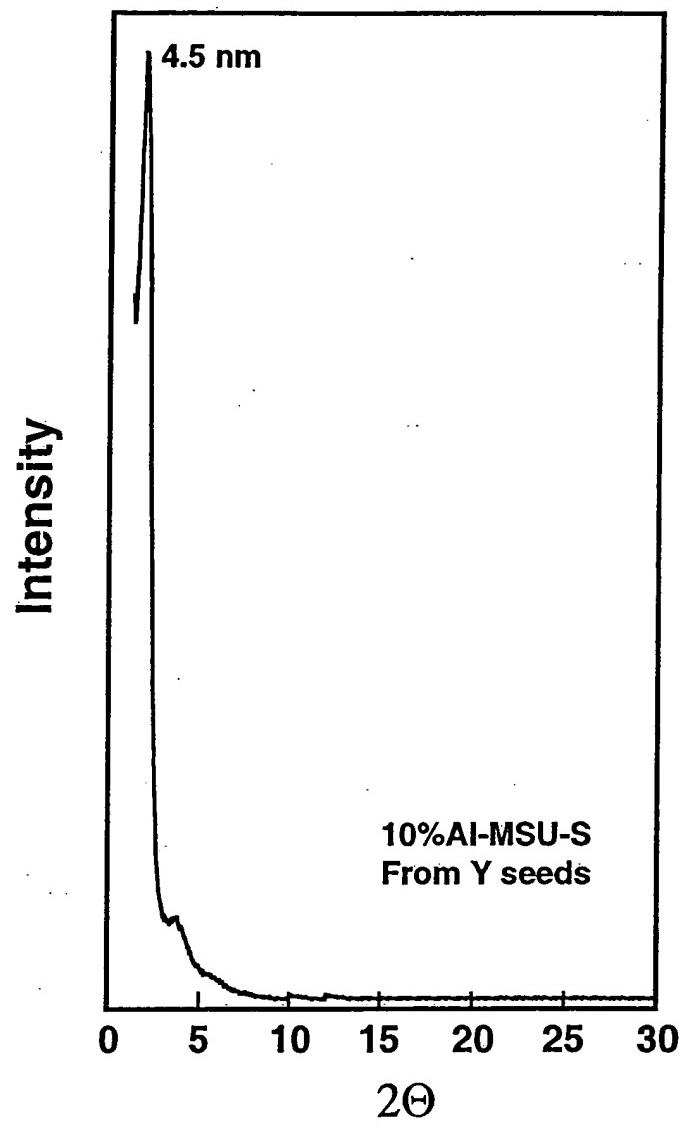


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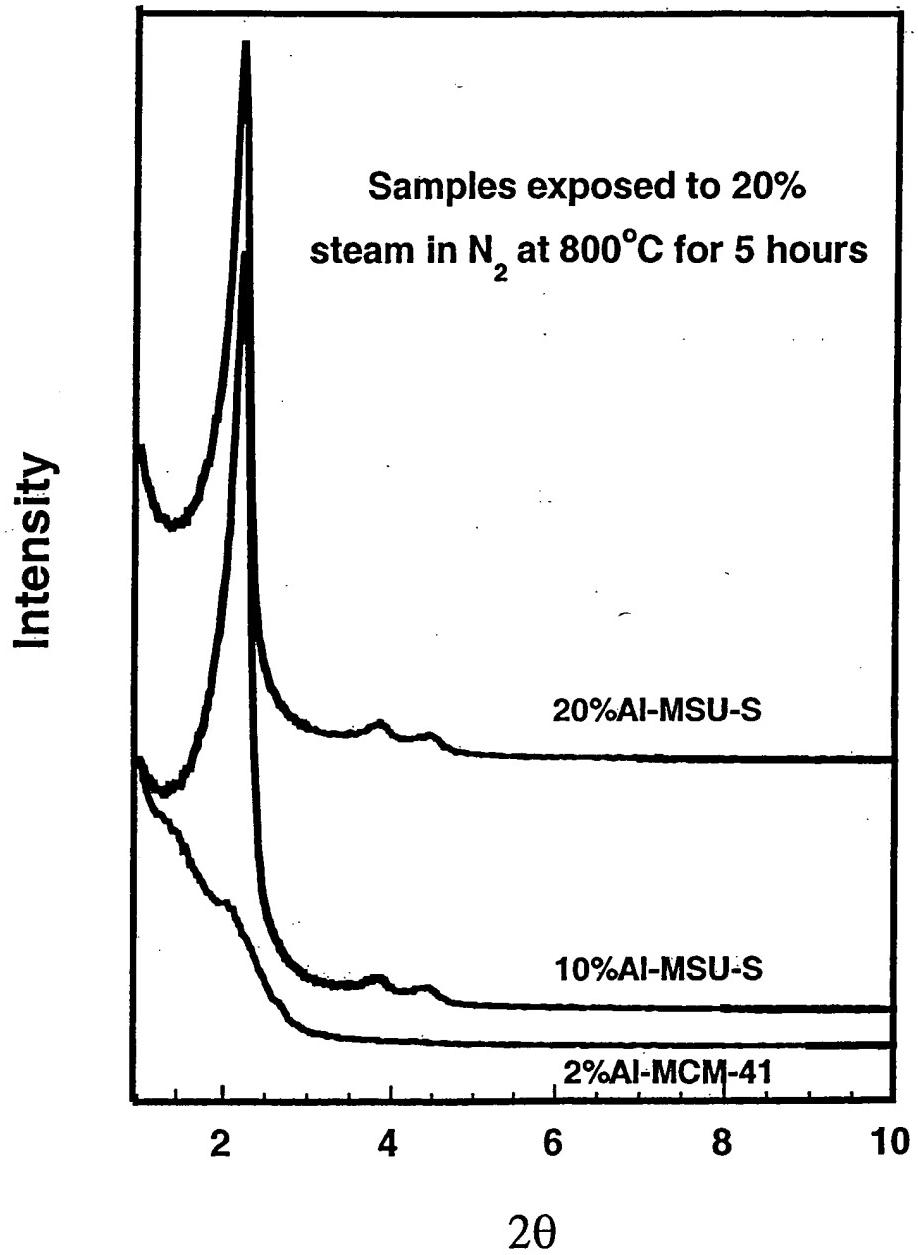


Figure 10

Testing of Mokaya's Al-MCM-41 (Si/Al=6.1)

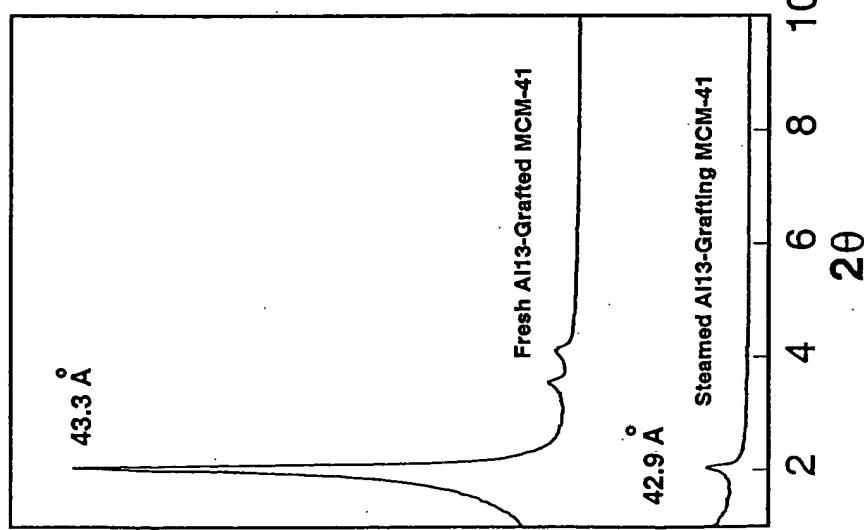


Figure 11A

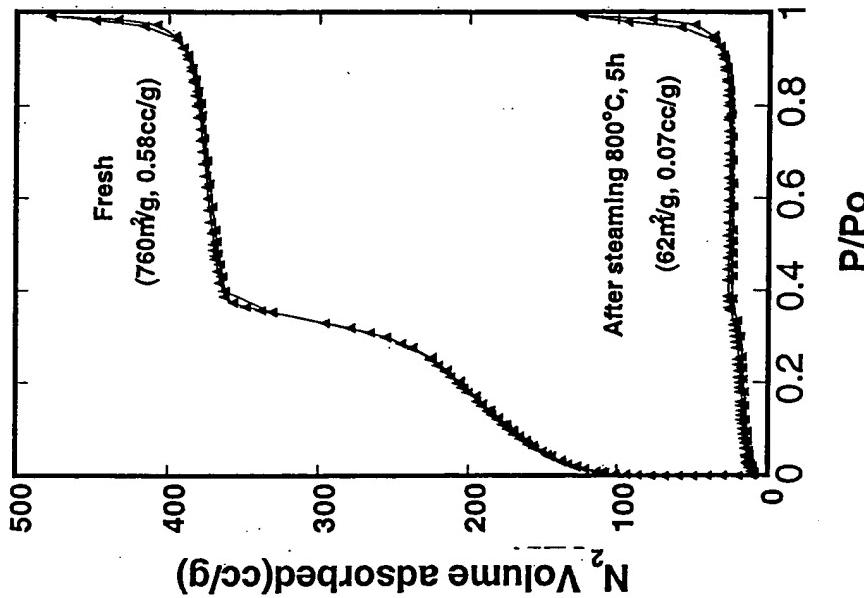


Figure 11B

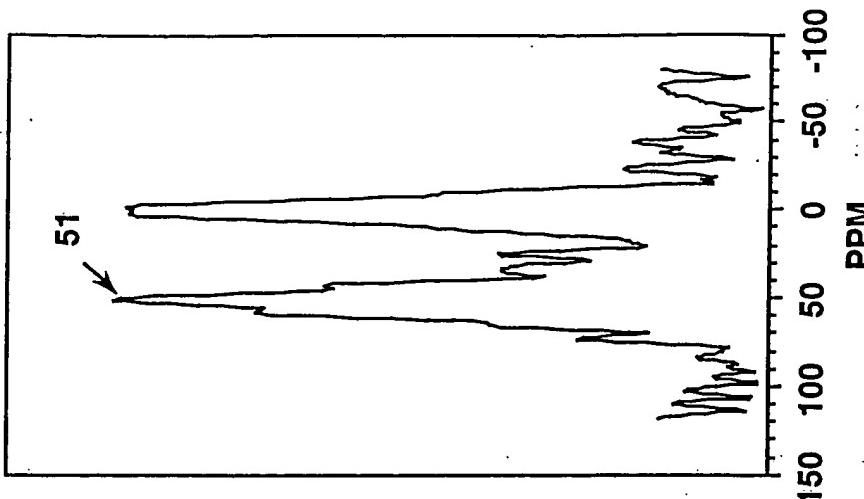


Figure 11C

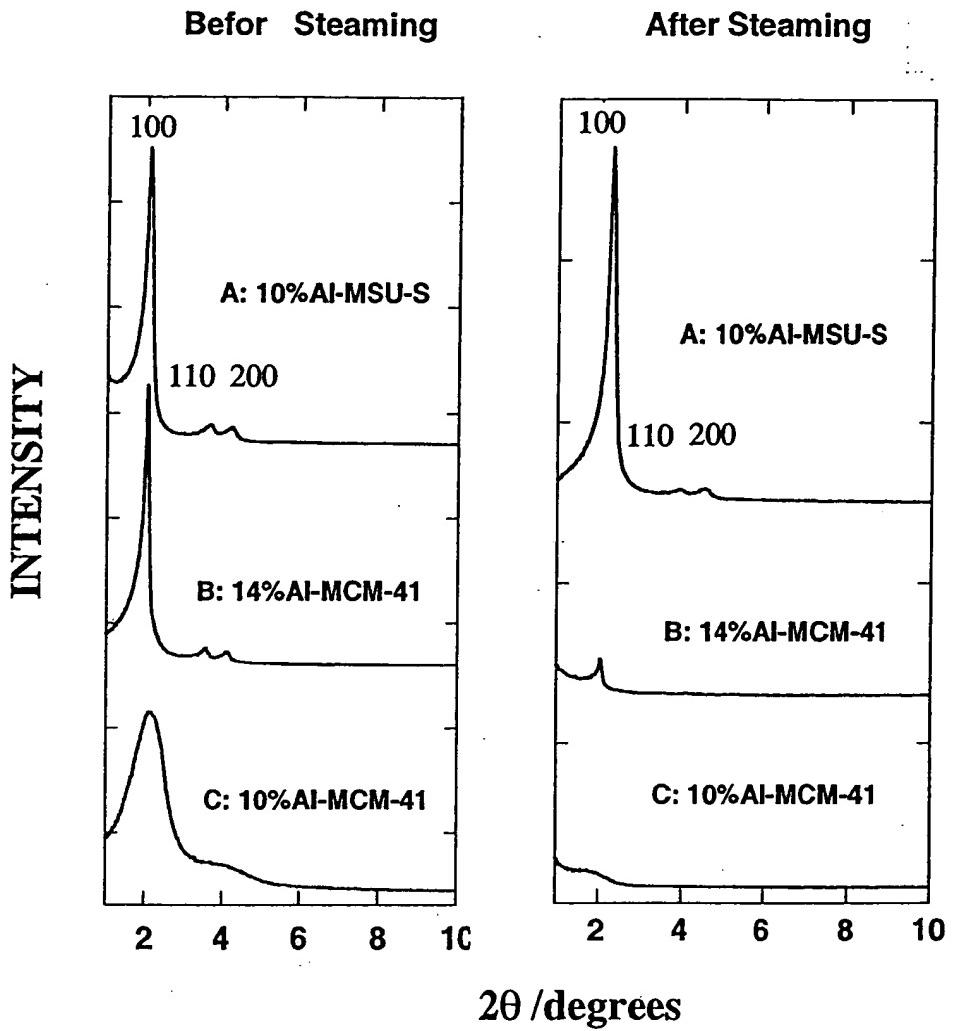


Figure 12A

Figure 12B

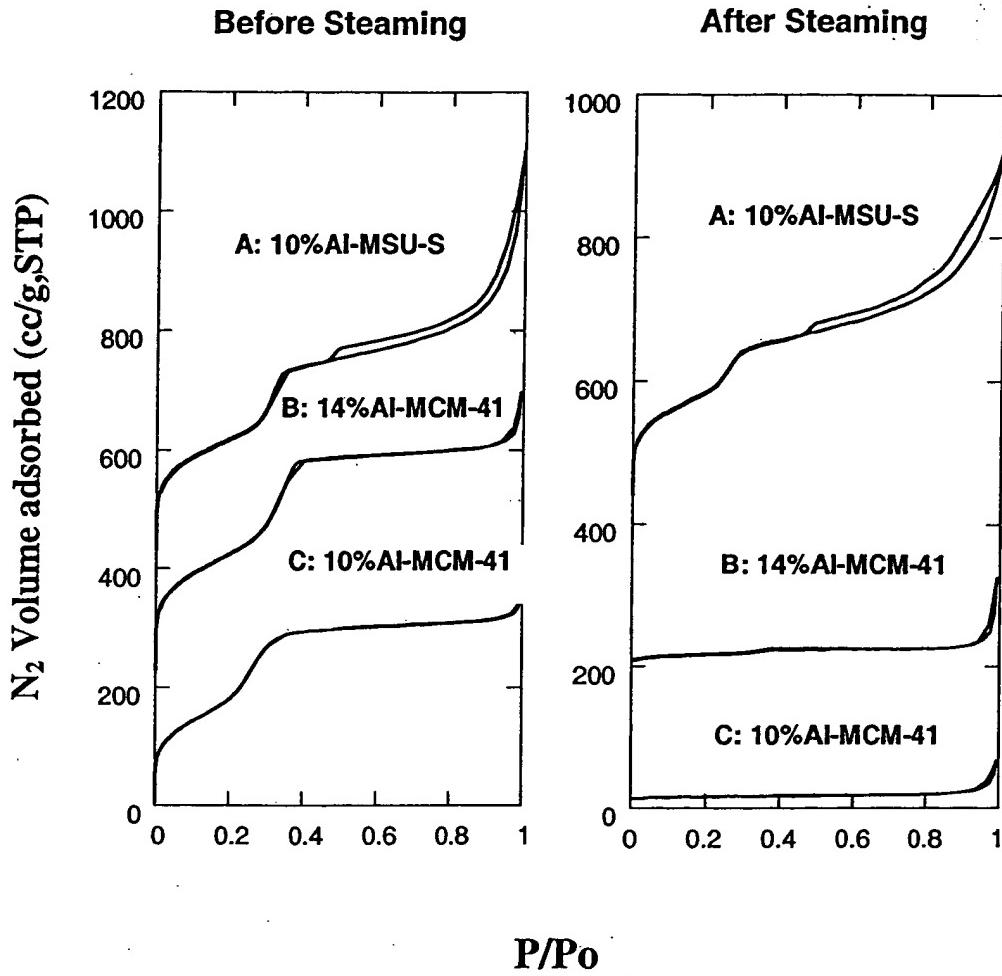


Figure 13A

Figure 13B

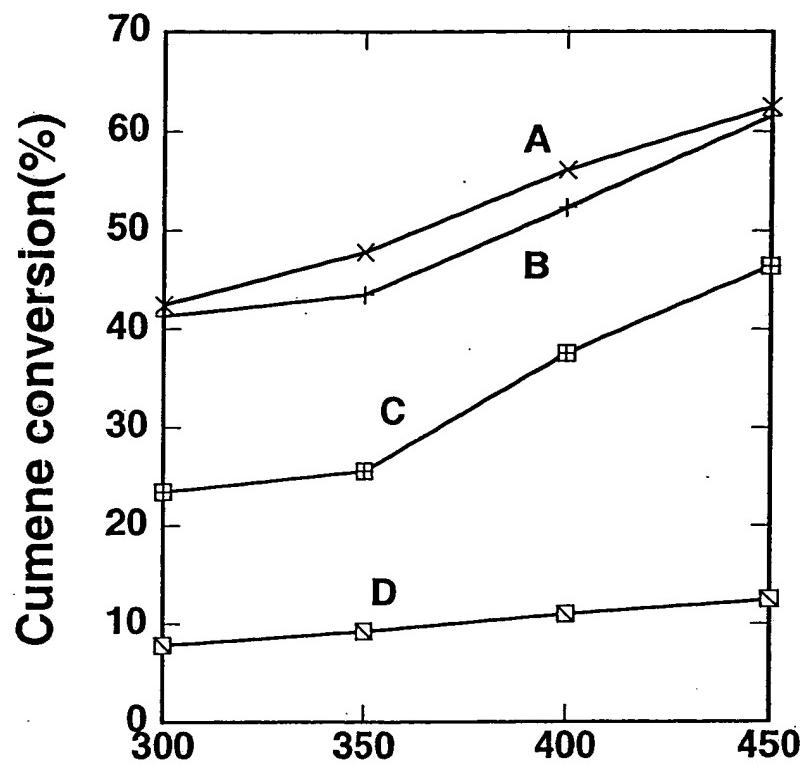


Figure 14

IR Spectra

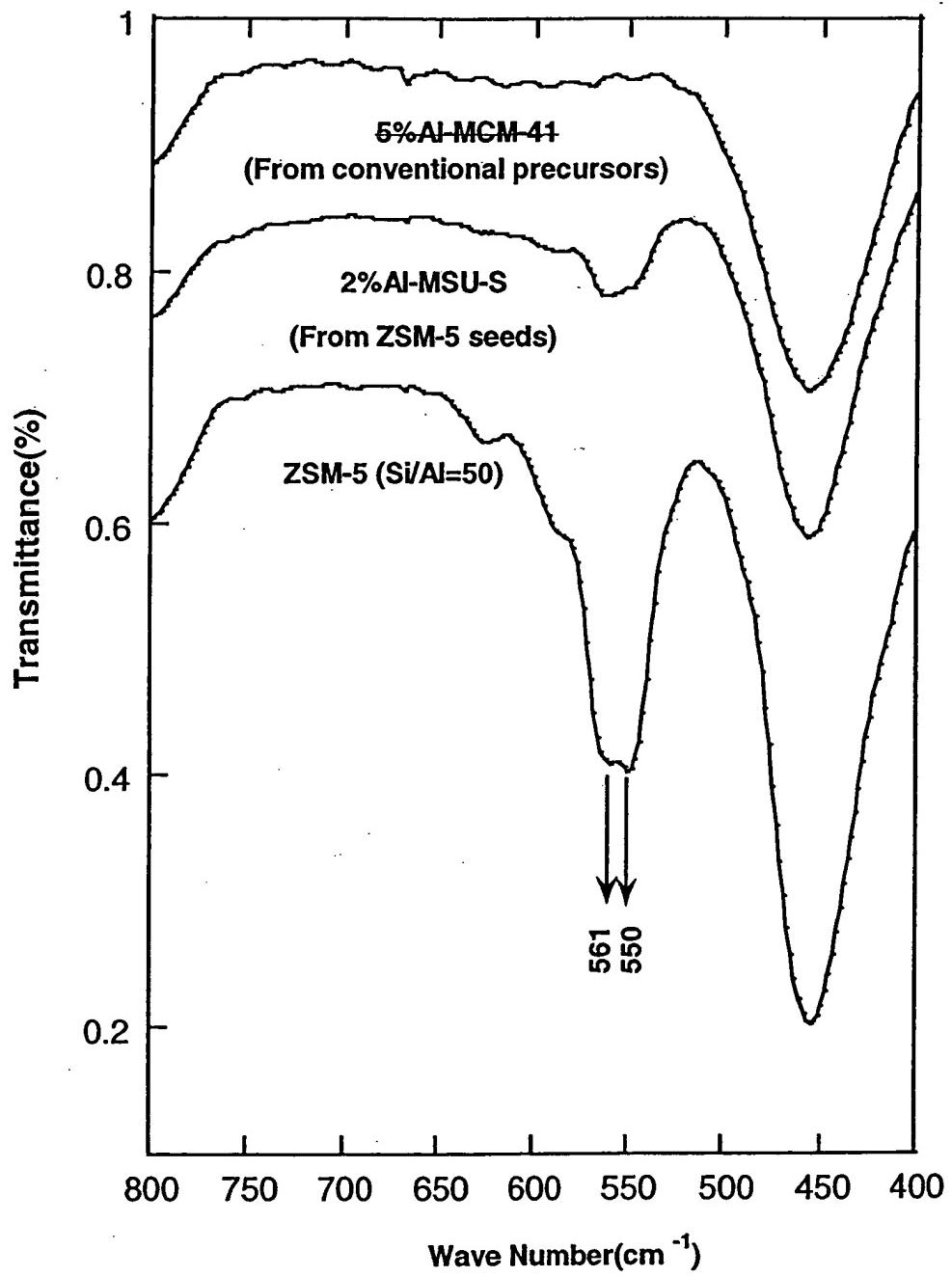


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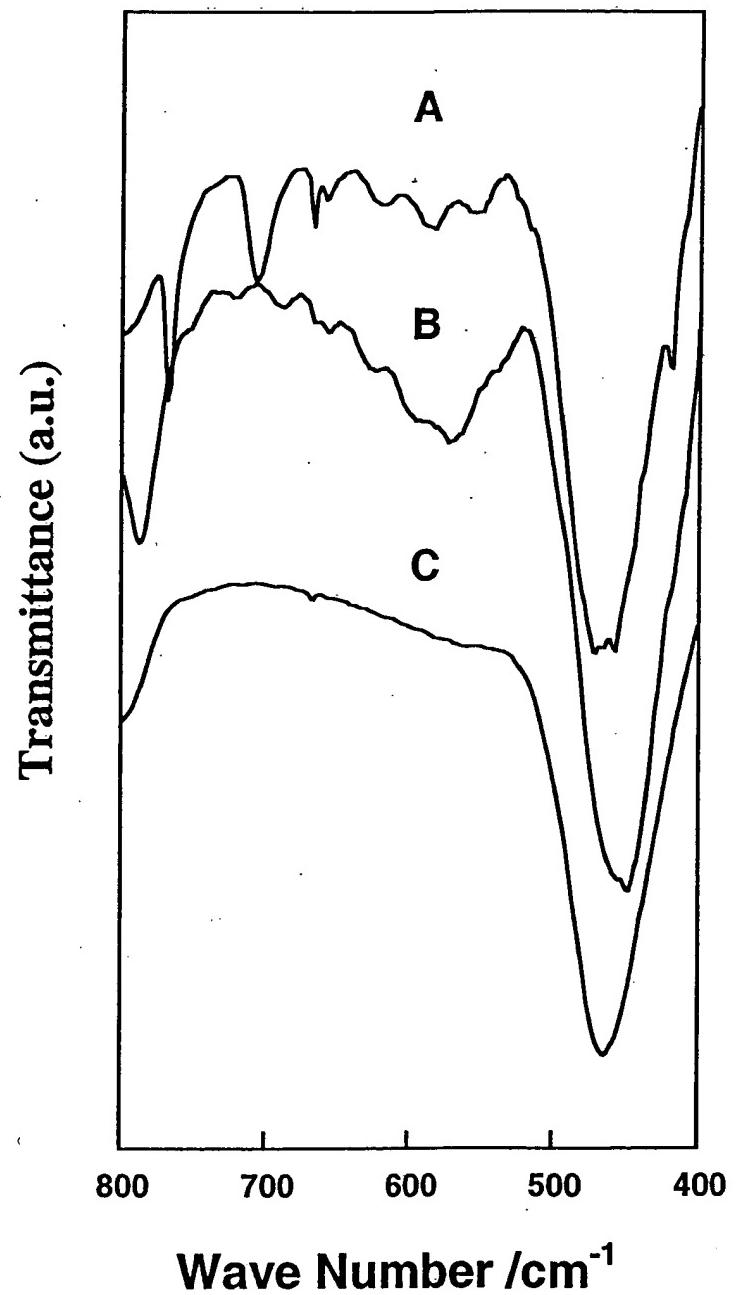


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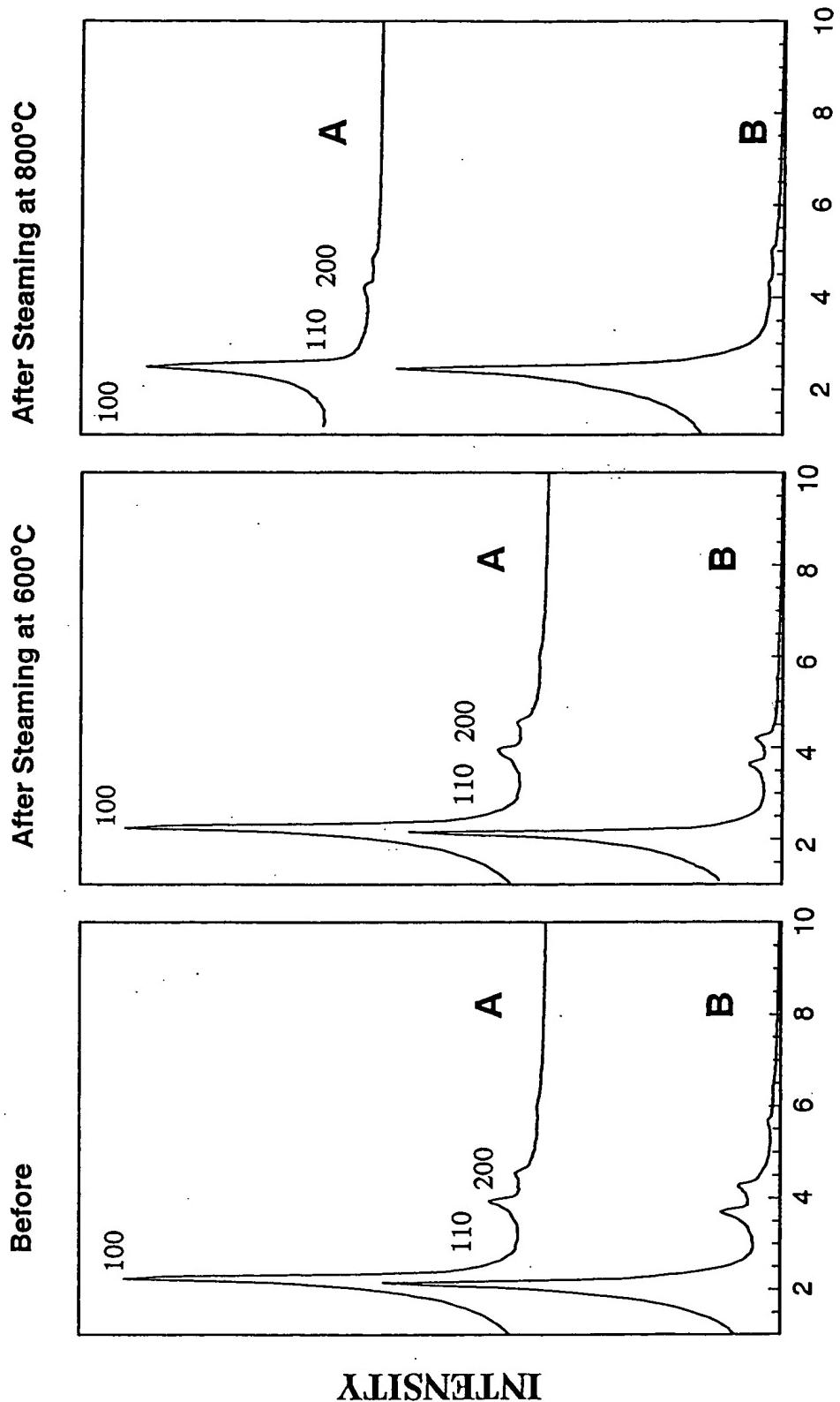


Figure 17A

Figure 17B

Figure 17C

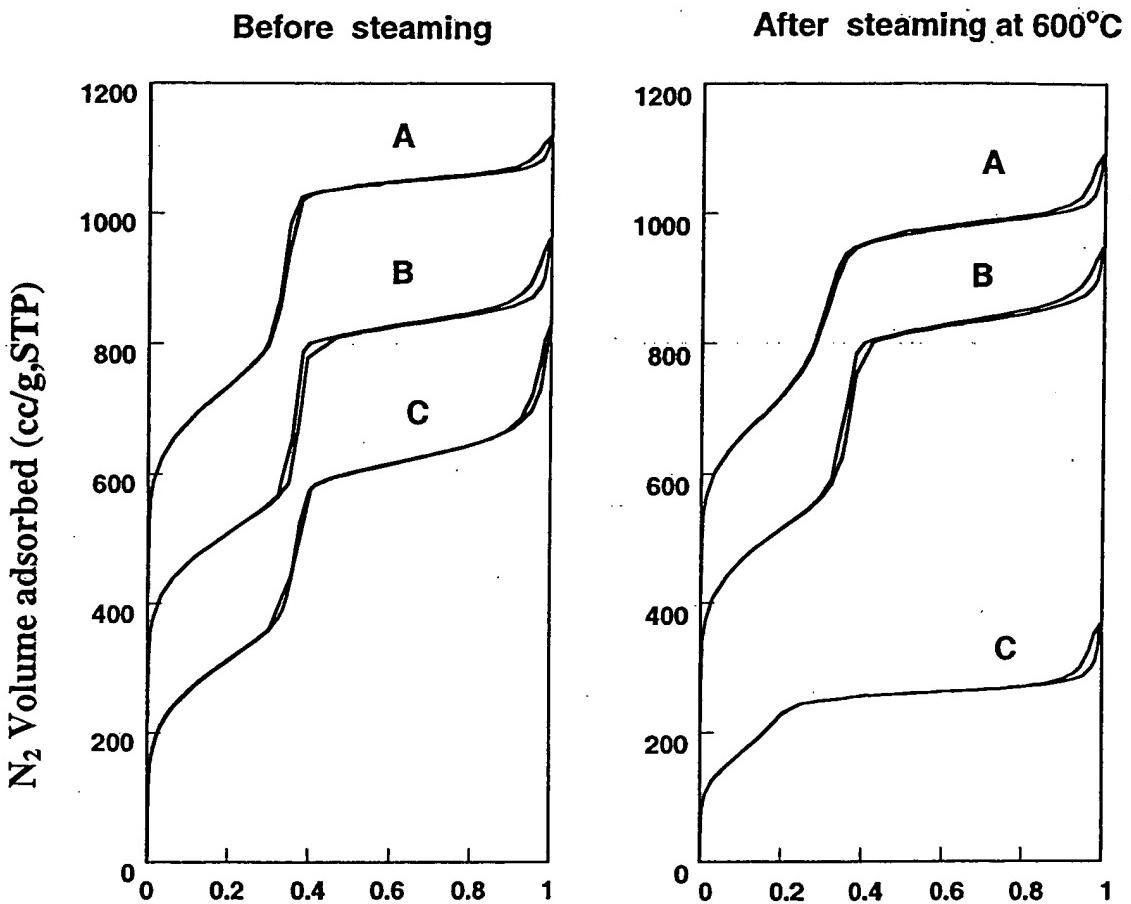


Figure 18A

P/Po

Figure 18B

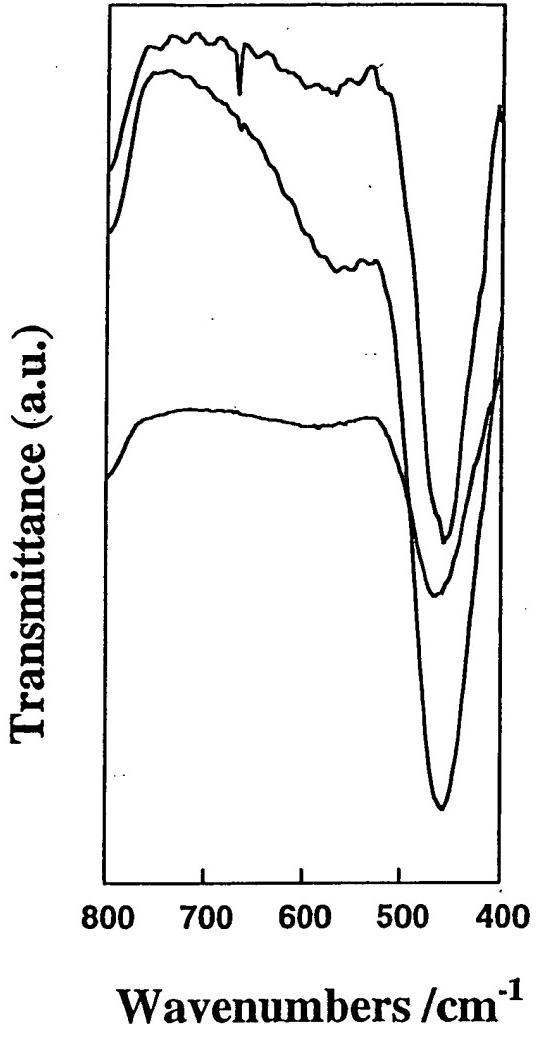


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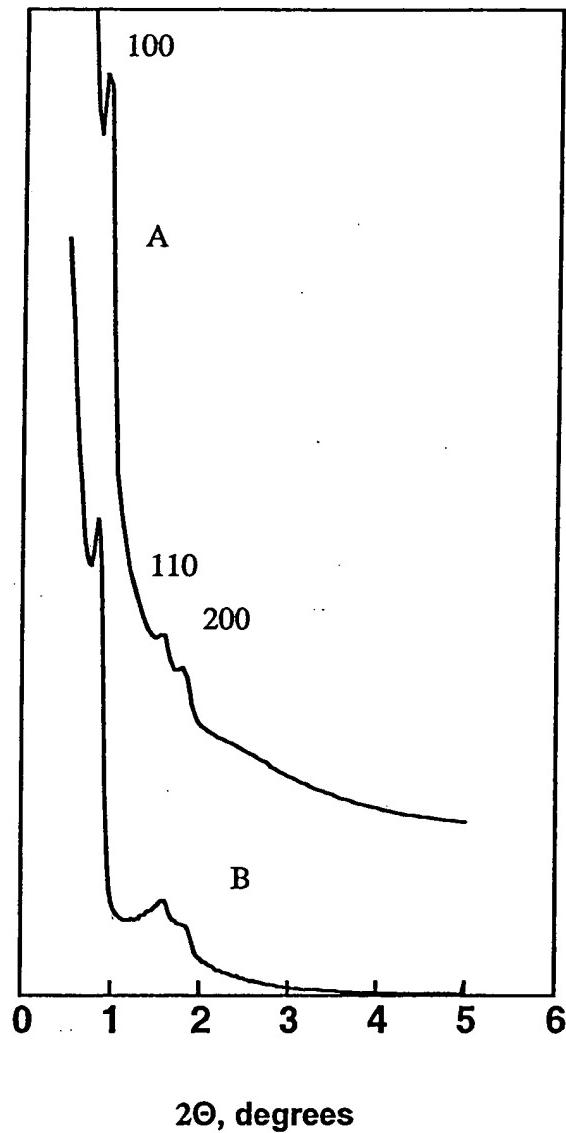


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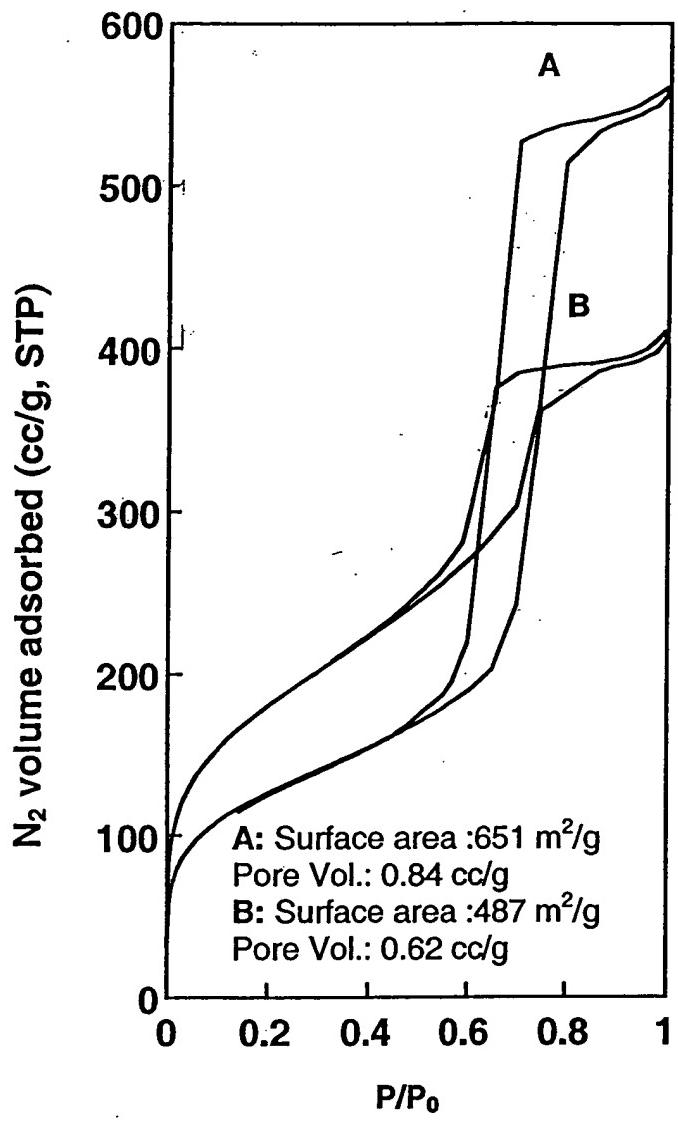


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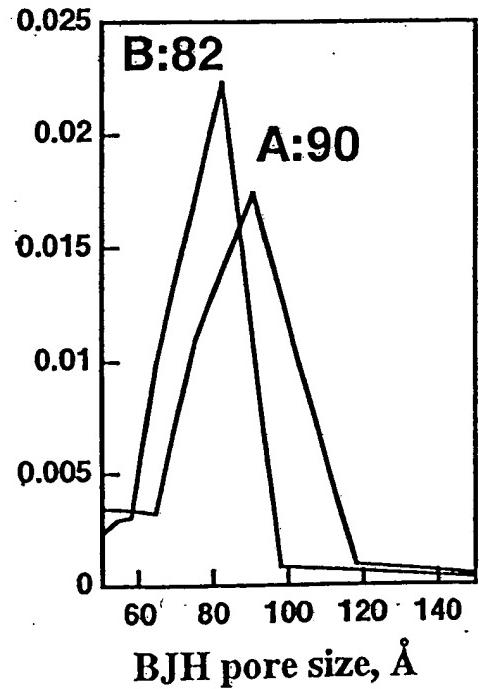


Figure 21A

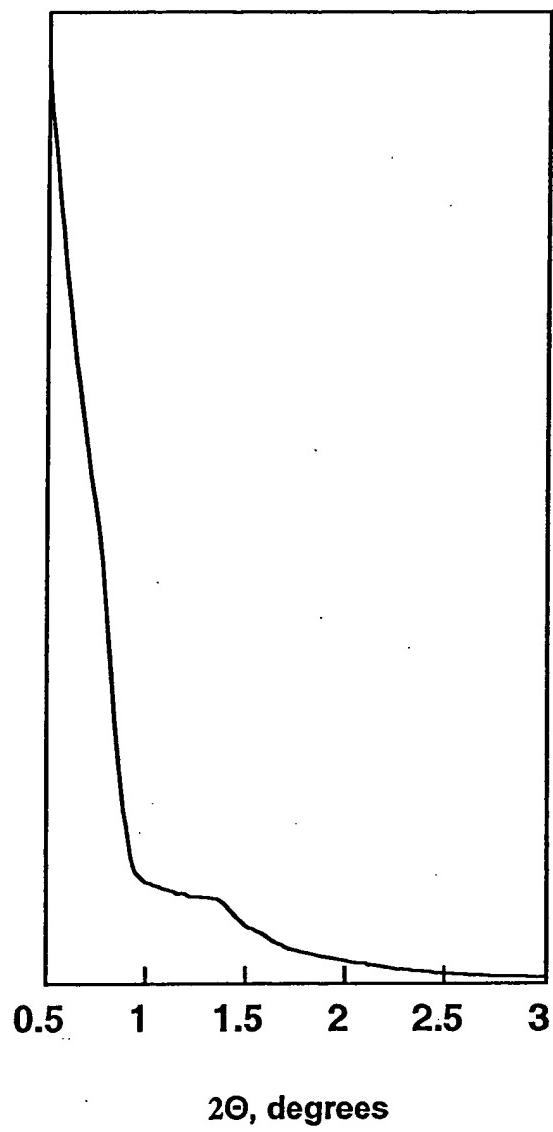


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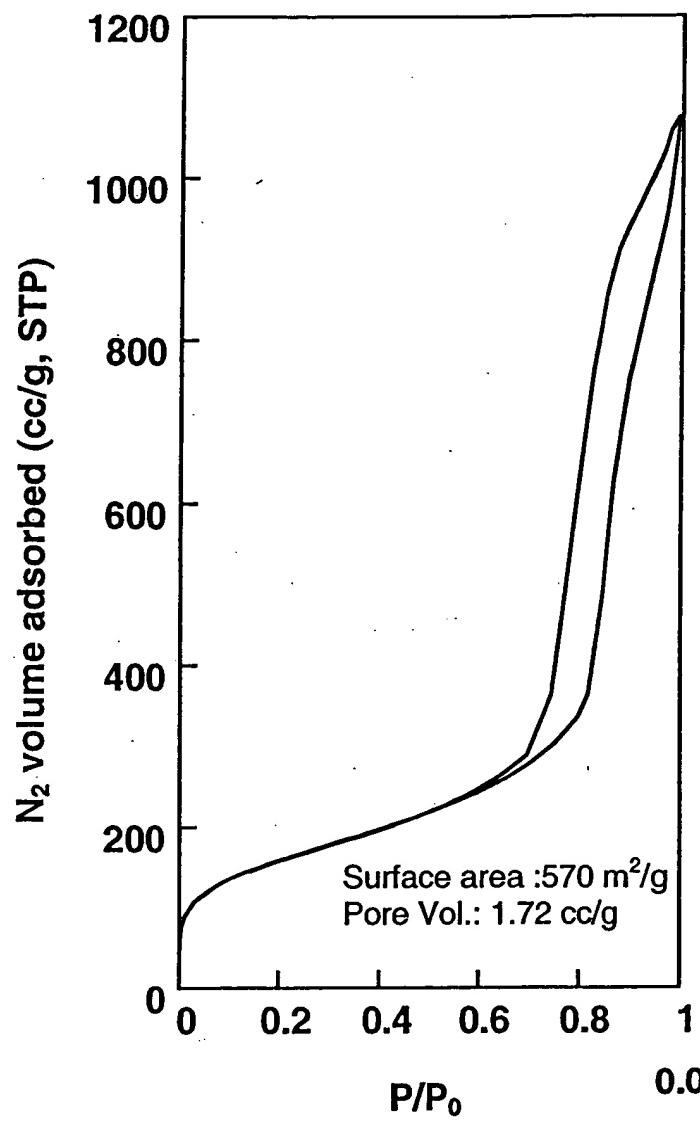


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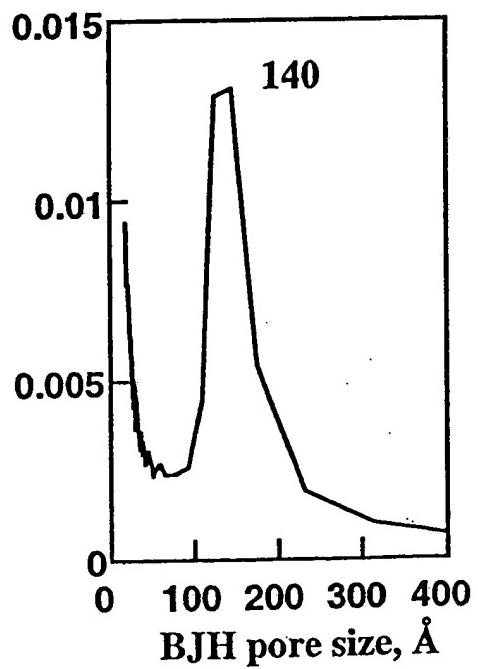


Figure 23A

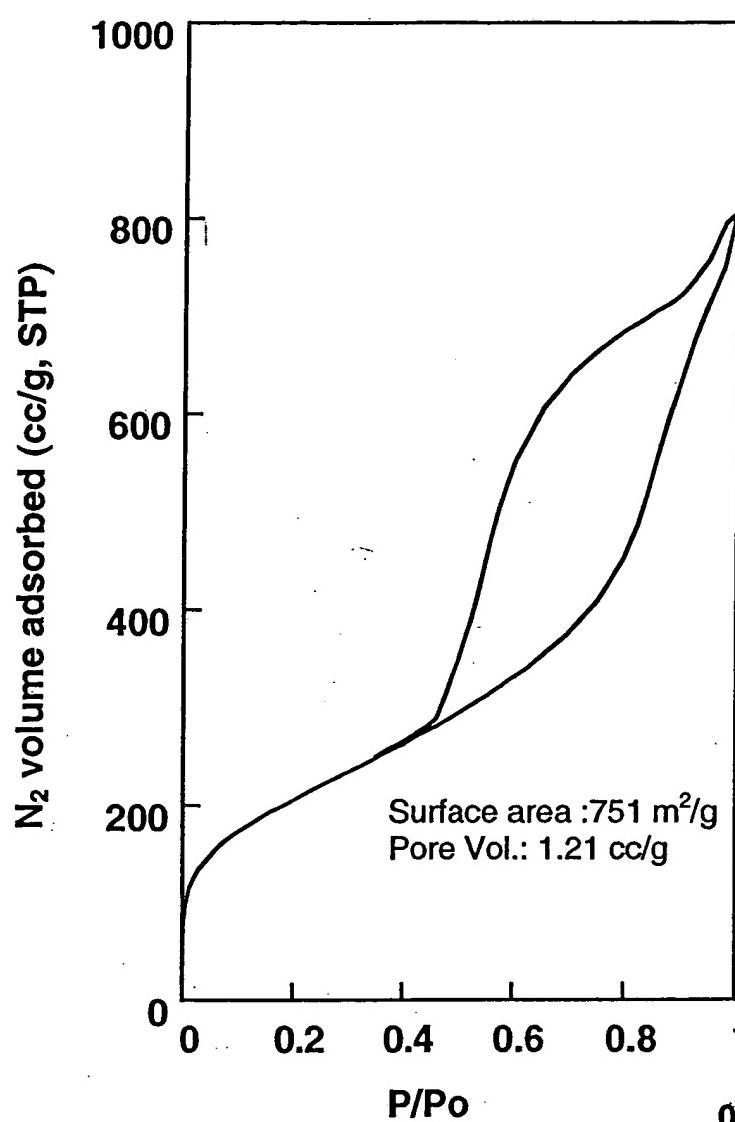
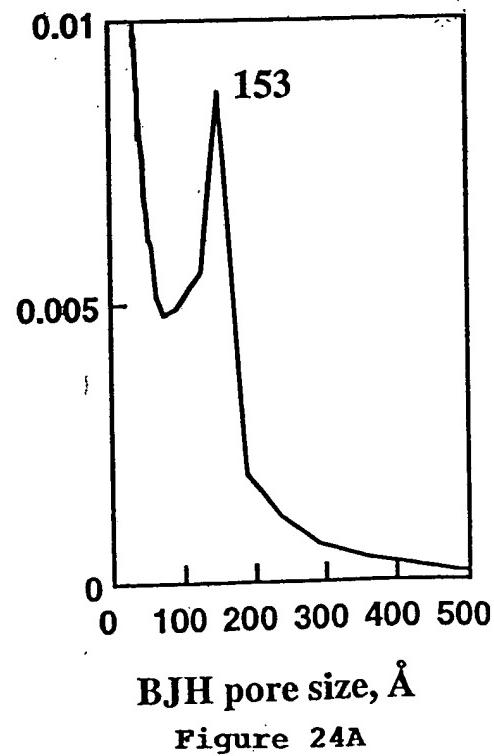


Figure 24



BJH pore size, Å
Figure 24A

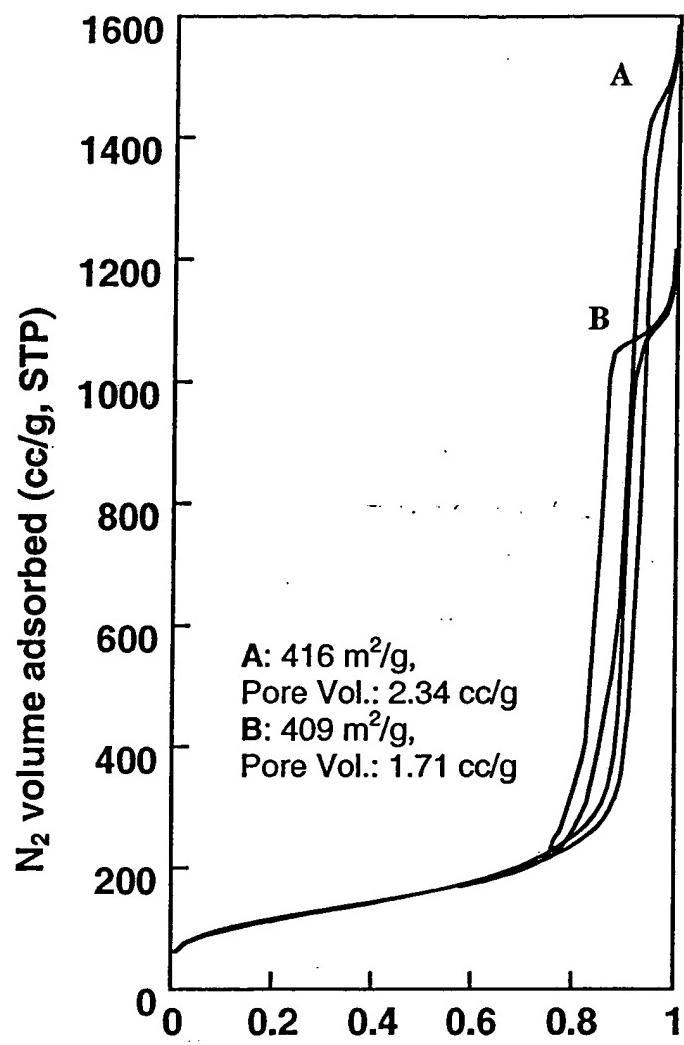


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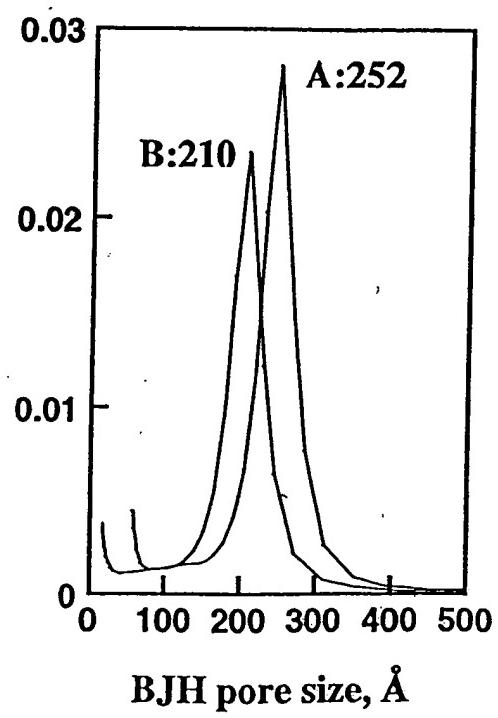


Figure 25A

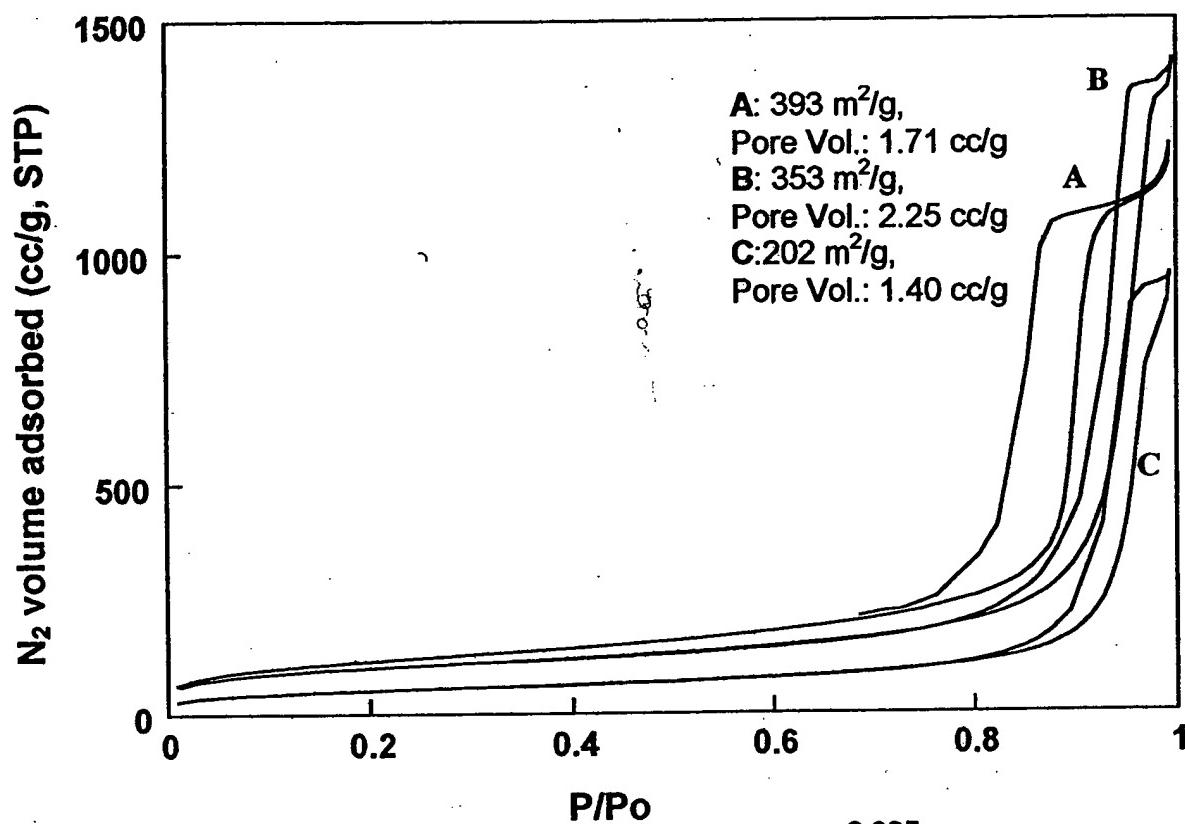


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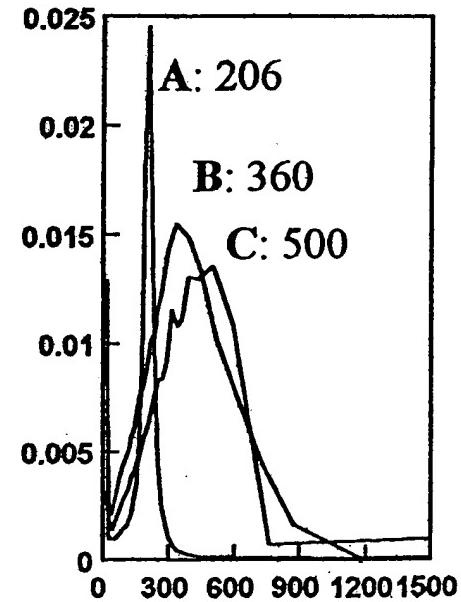


Figure 26A

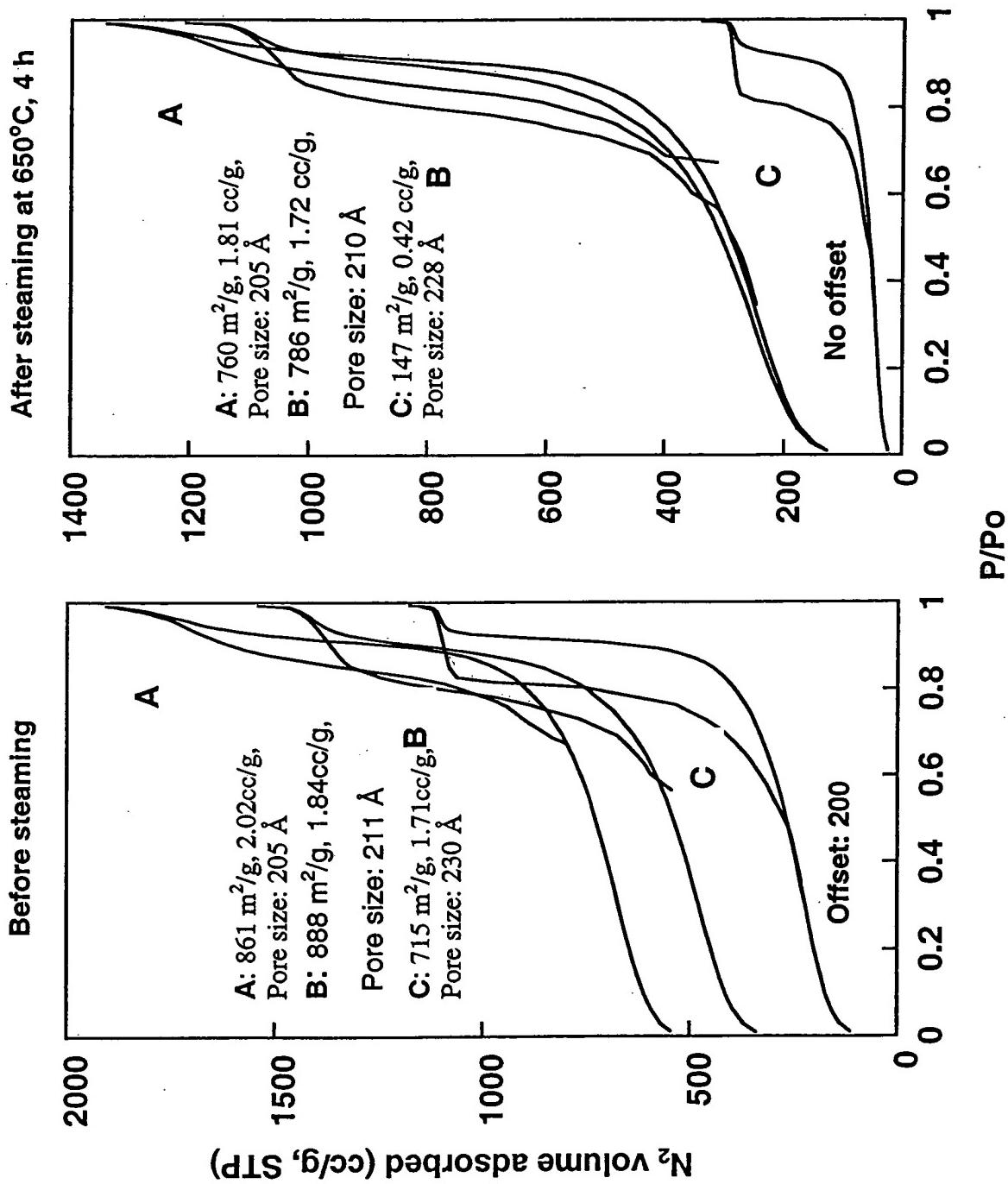


Figure 27A

Figure 27B

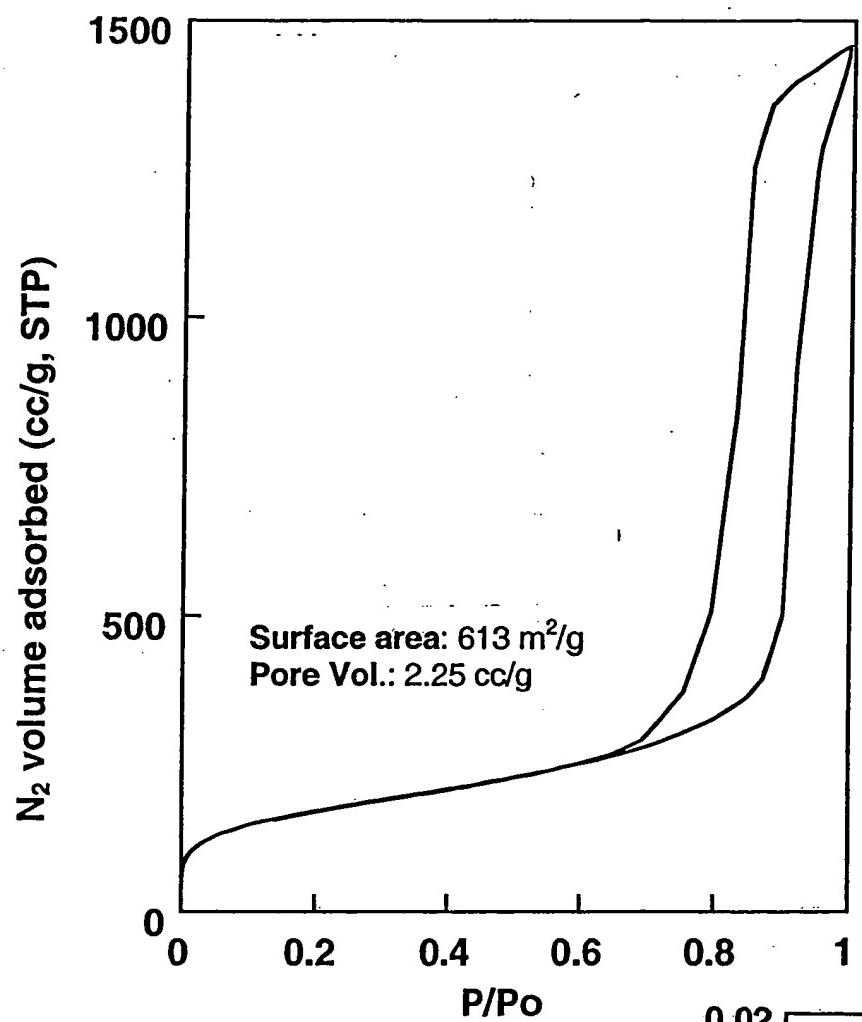


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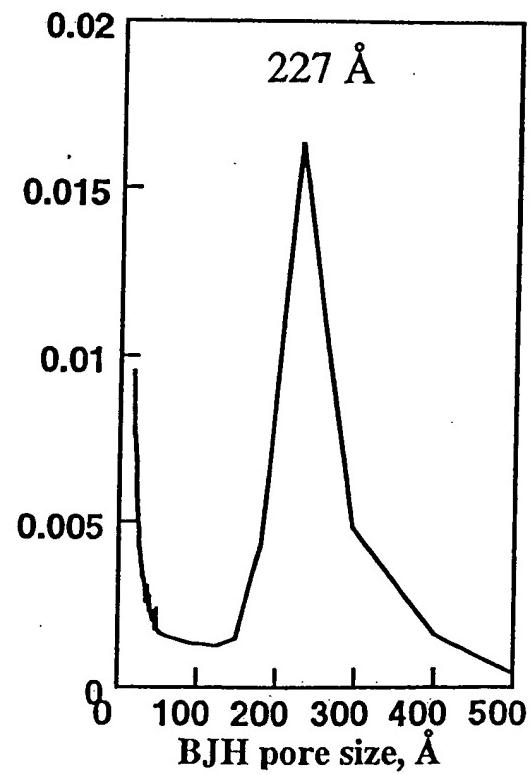


Figure 28A

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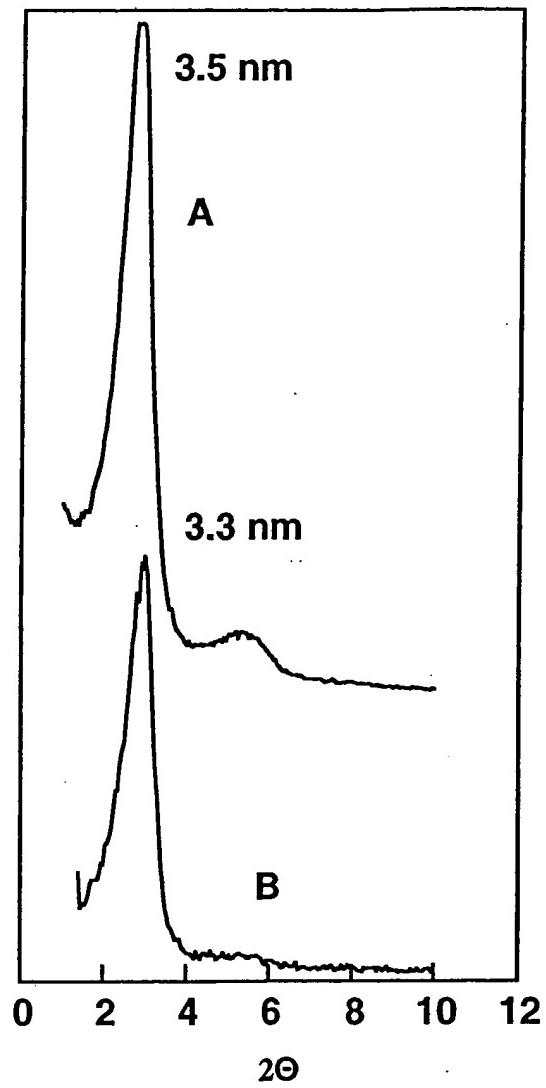
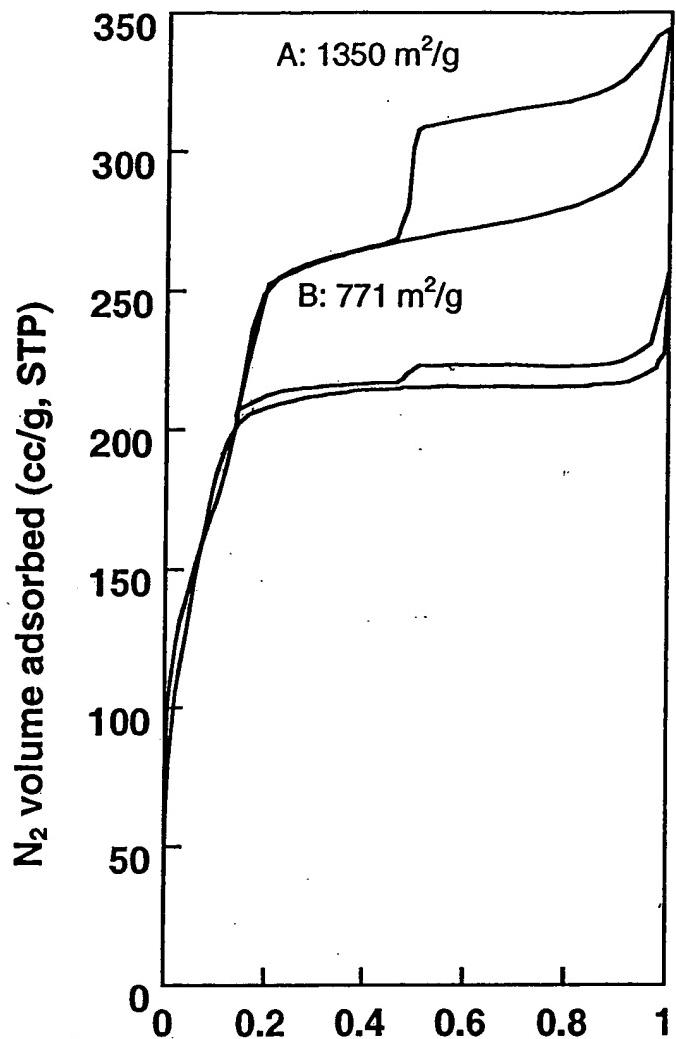


Figure 29



P/P₀

Figure 30

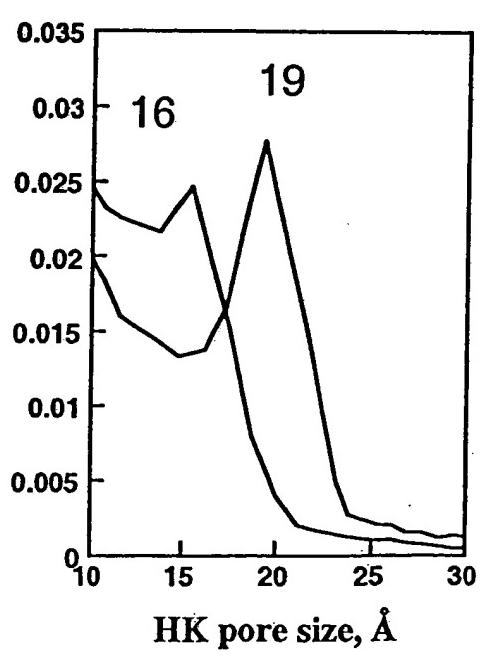


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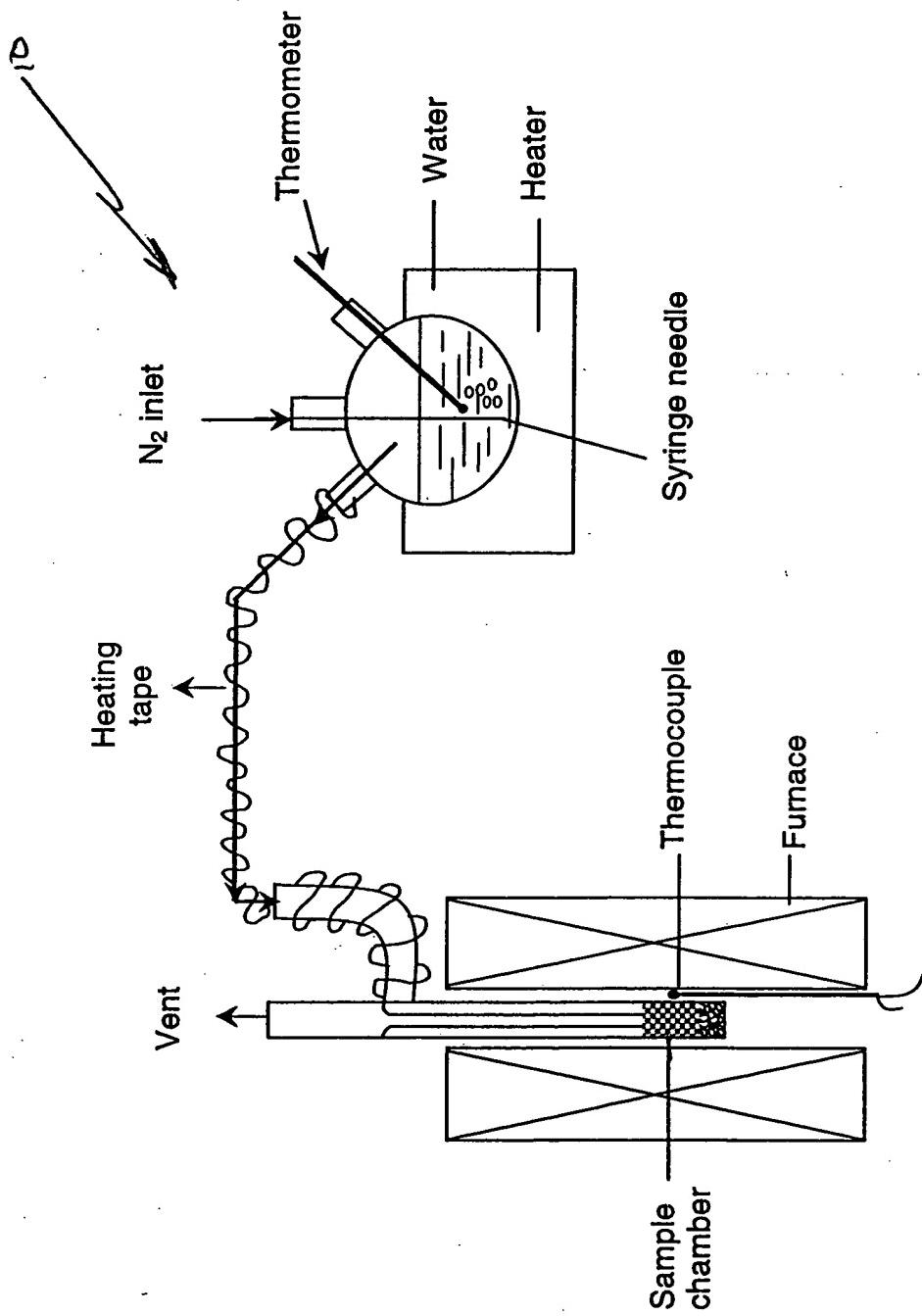


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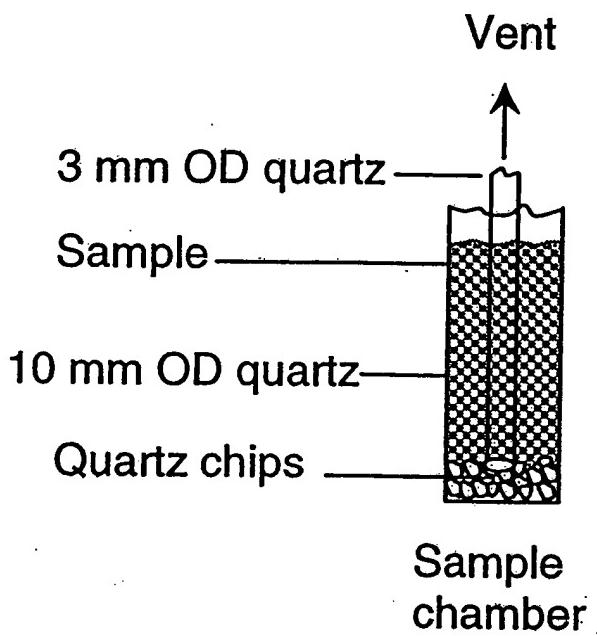


Figure 31A

FIGURE 32 (Example 31)

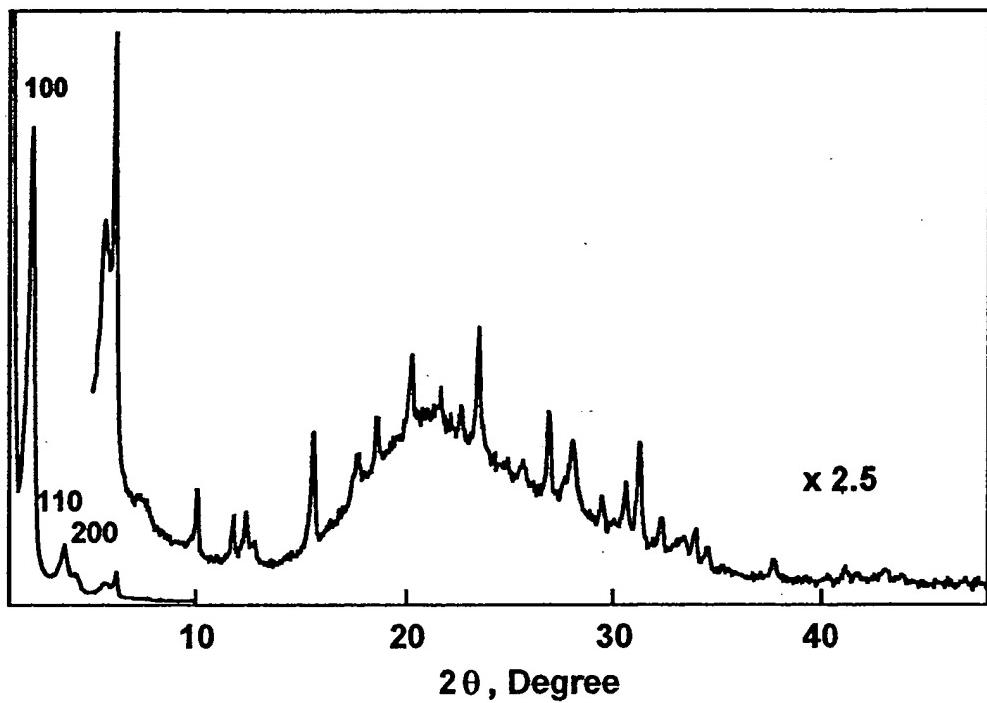


FIGURE 33 (Example 31)

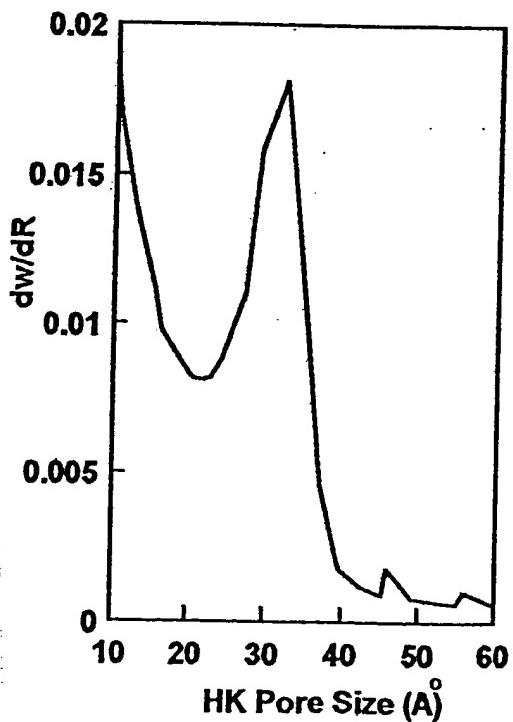
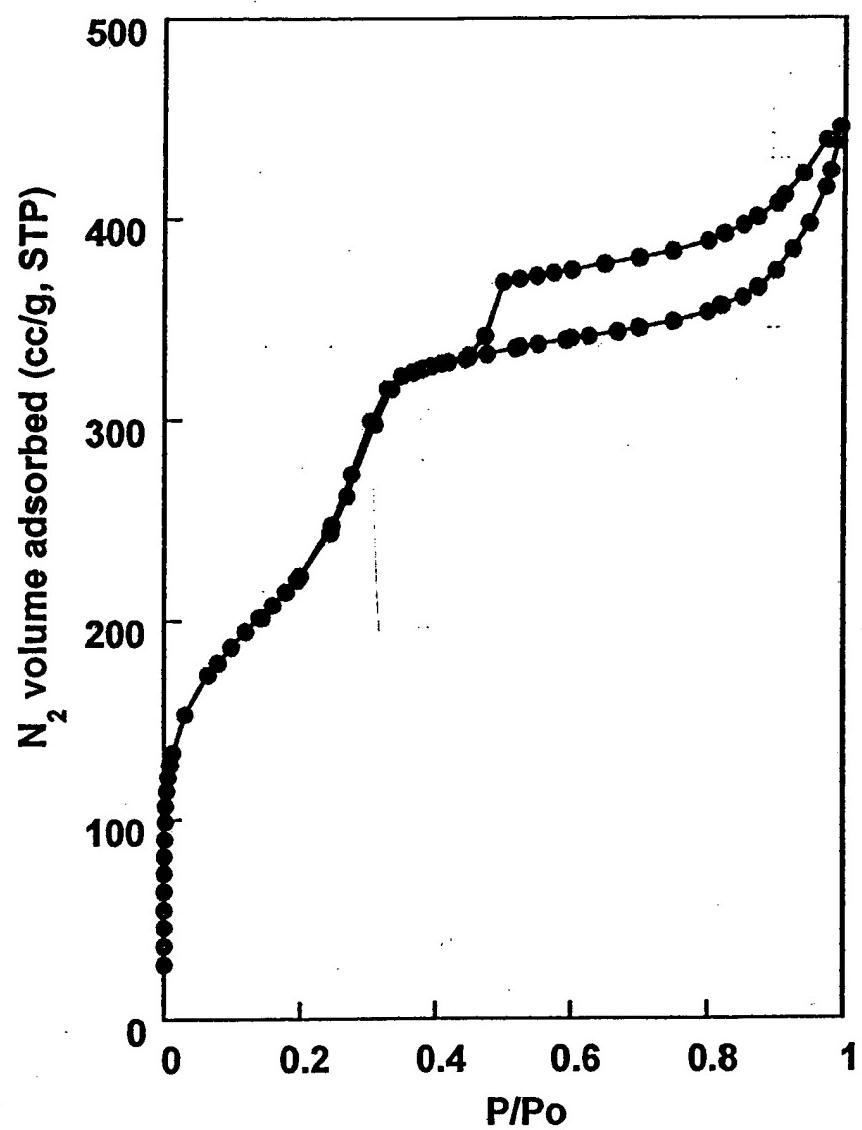


FIGURE 33A

FIGURE 34 (Example 31)

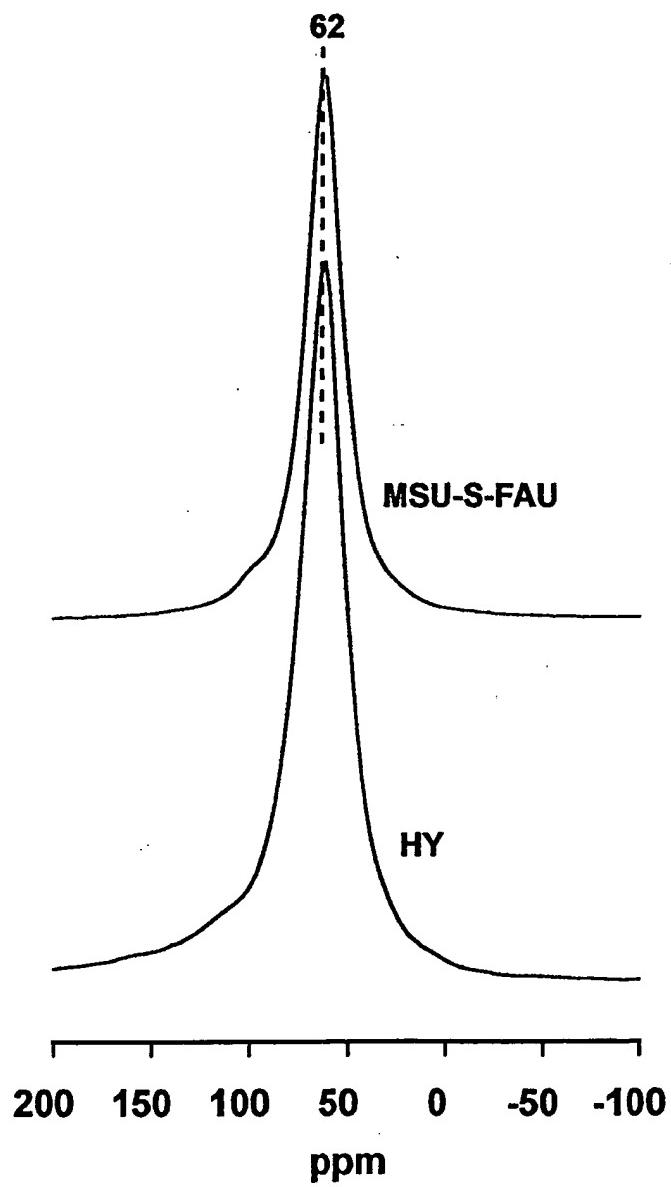


FIGURE 35 (Example 32)

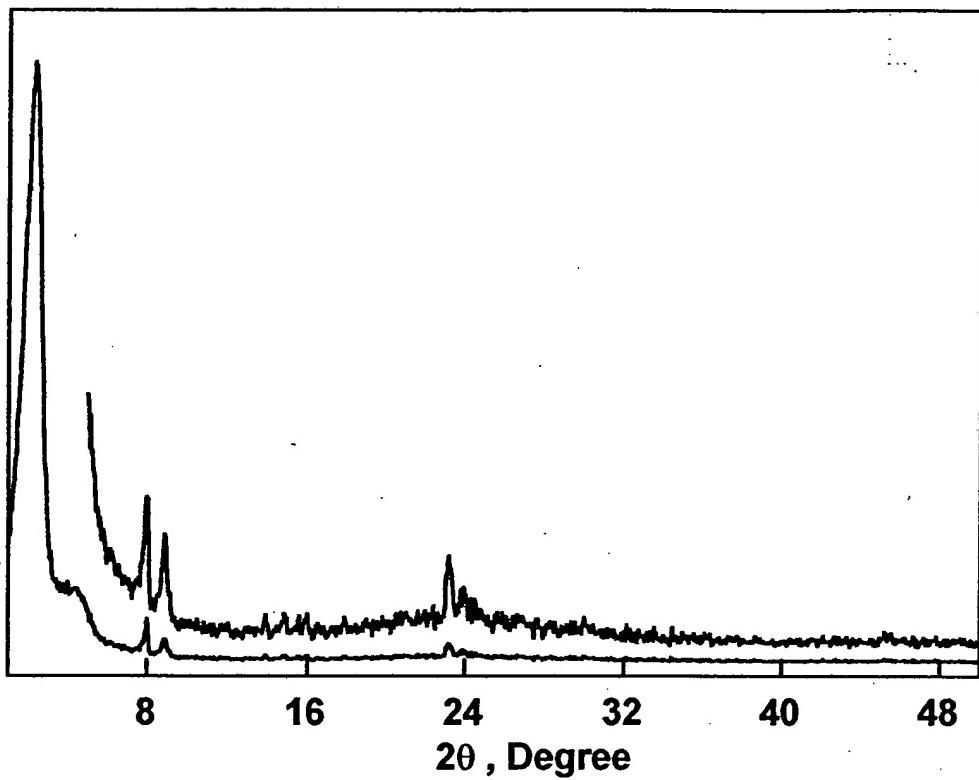


FIGURE 36 (Example 32)

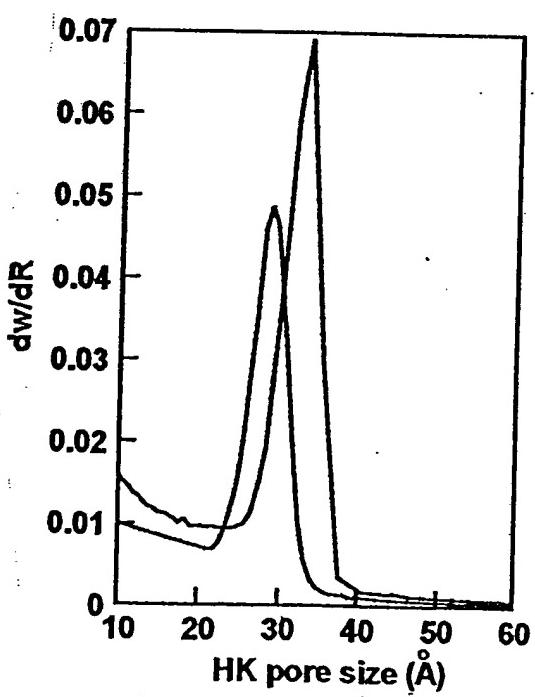
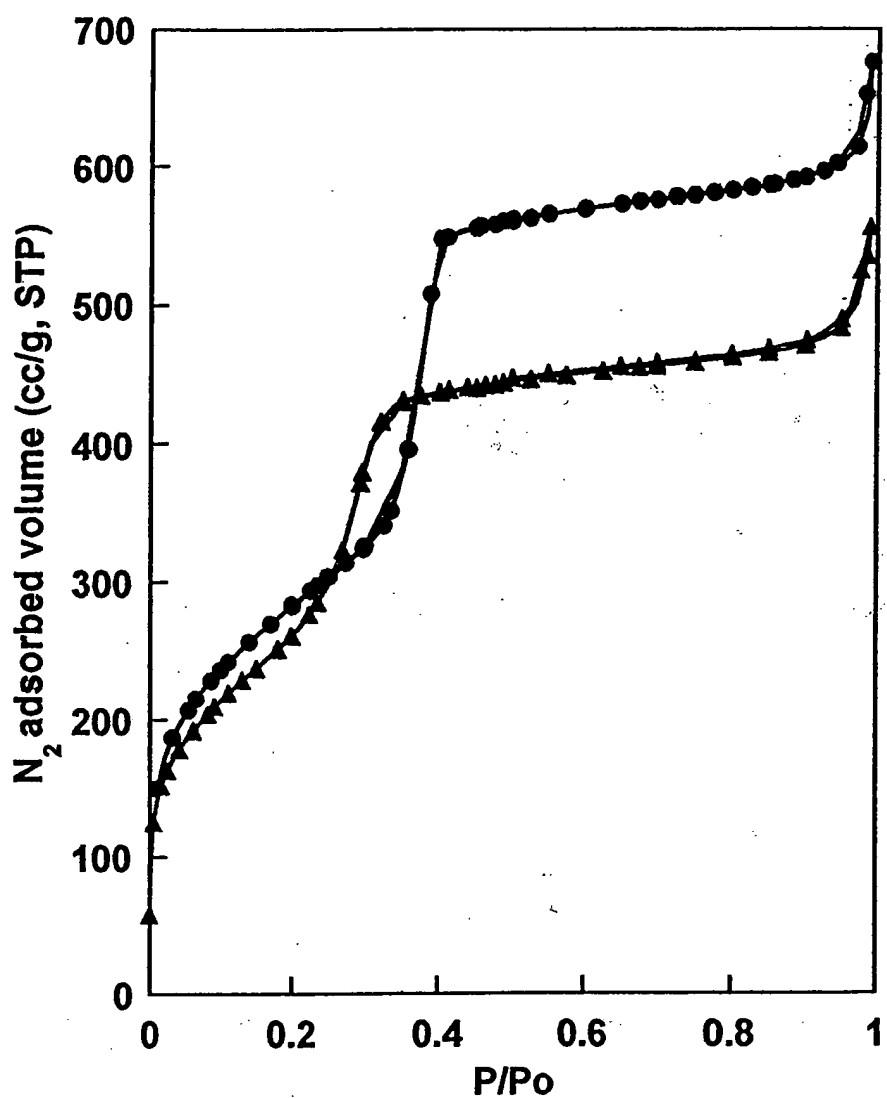


FIGURE 36A

FIGURE 37 (Example 33)

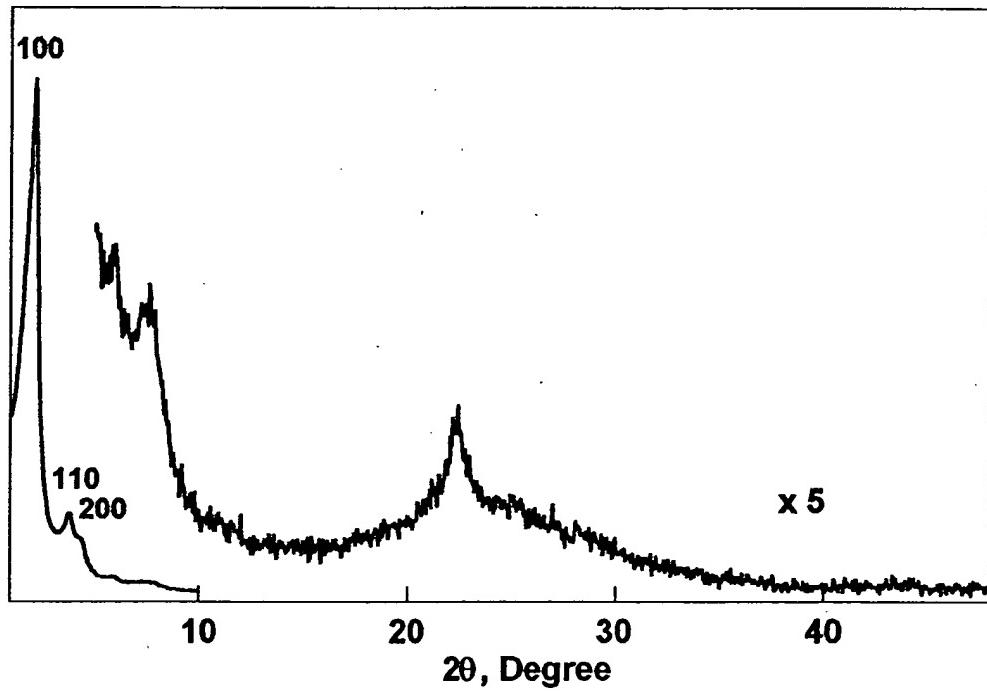


FIGURE 38 (Example 33)

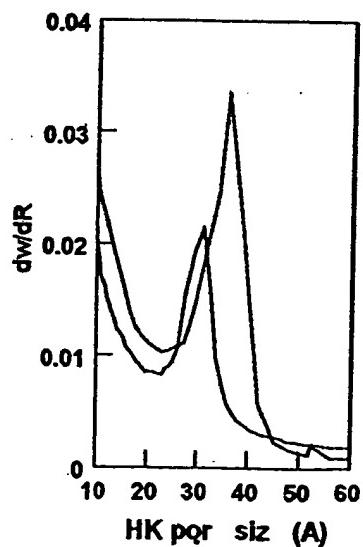
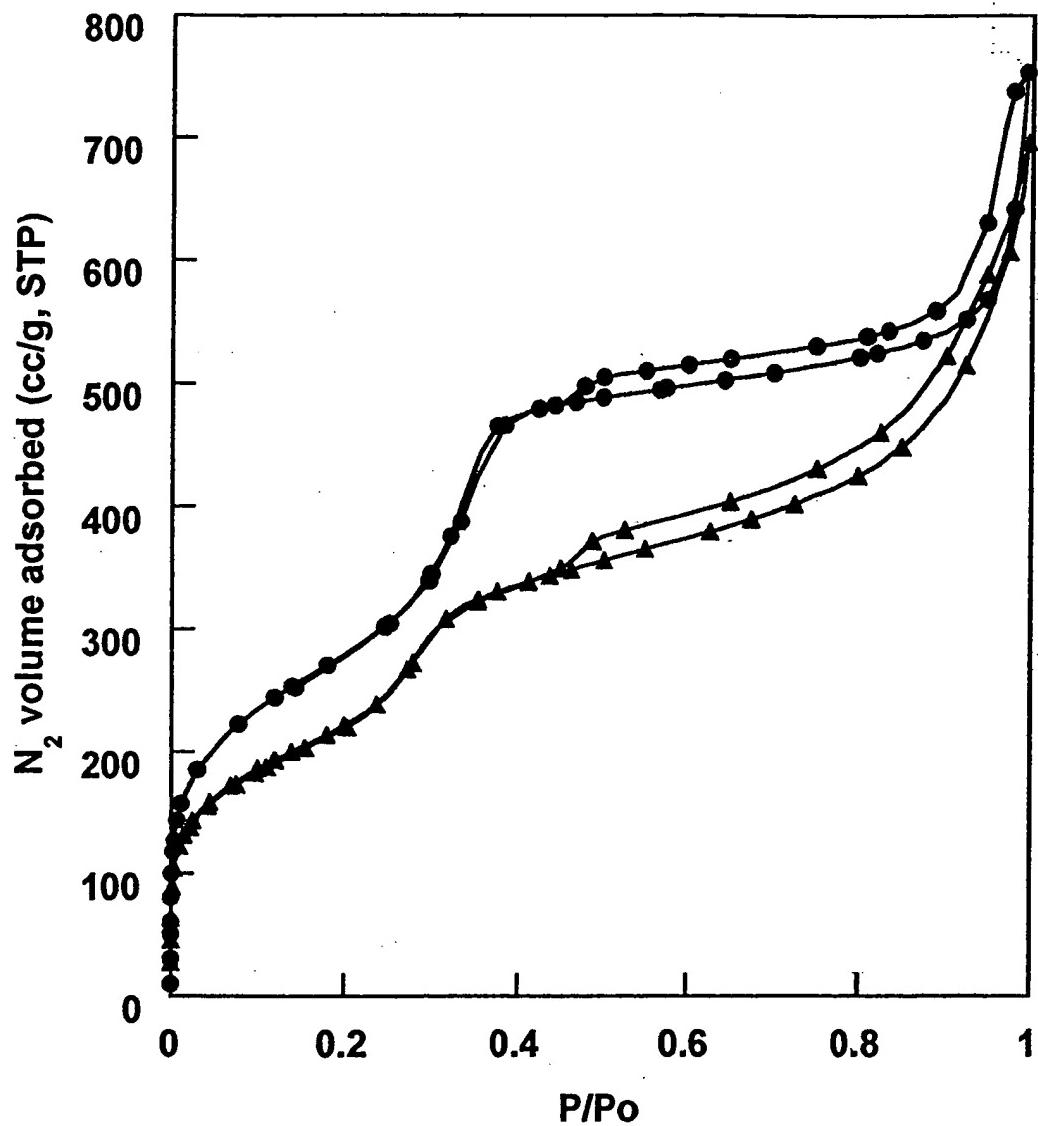
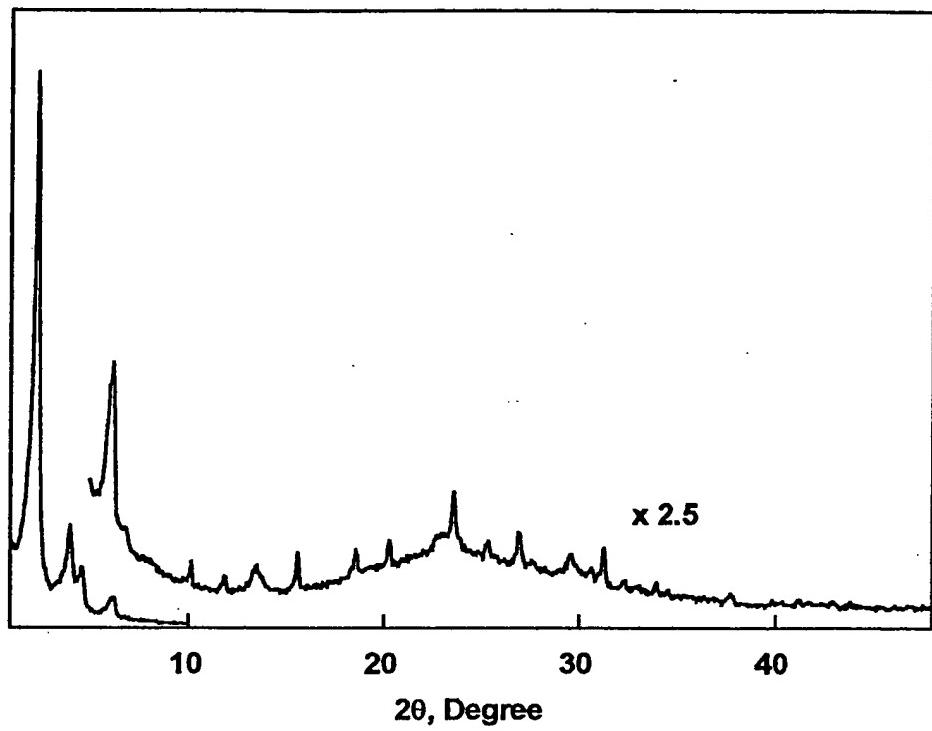


FIGURE 38A

FIGURE 39 (Example 34)



100025543 - 121900

FIGURE 40 (Sample 34)

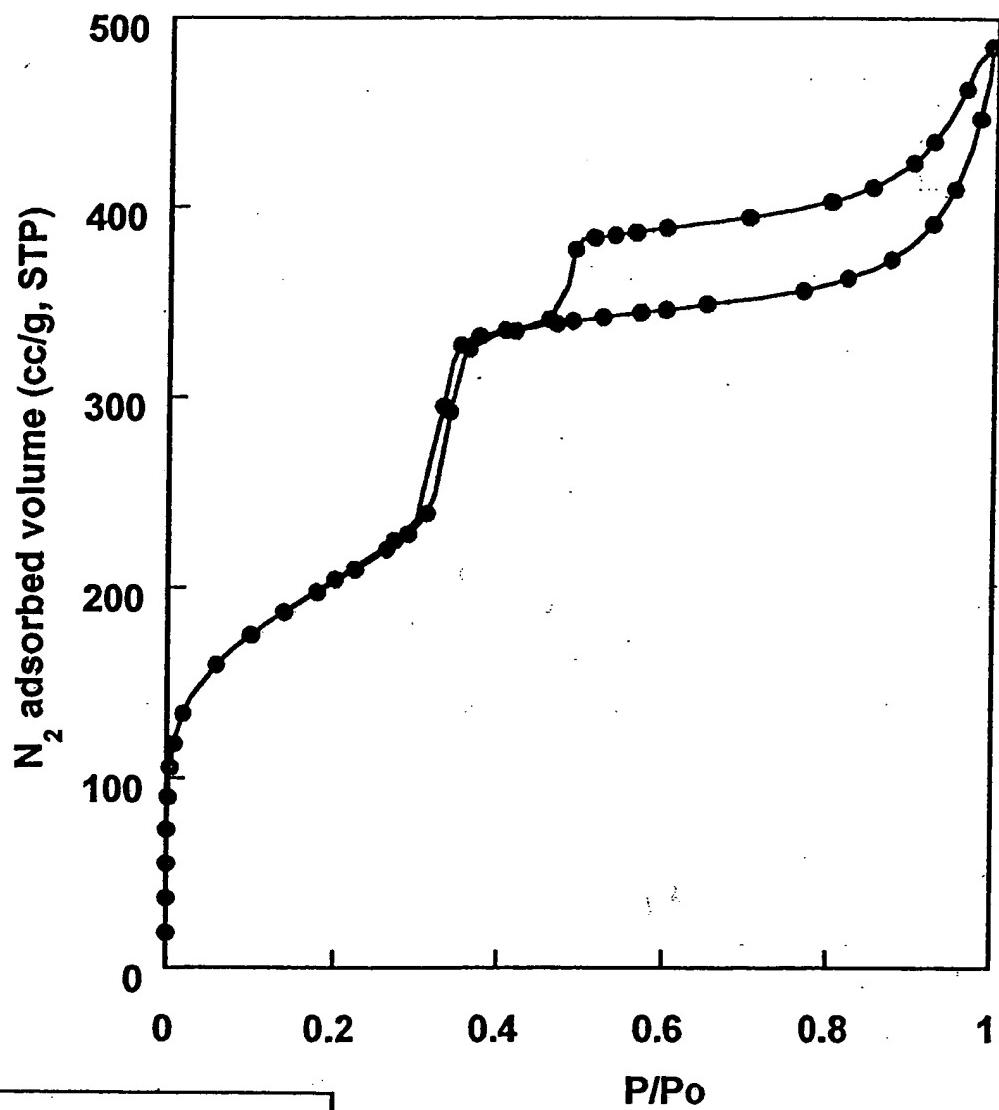


FIGURE 40A

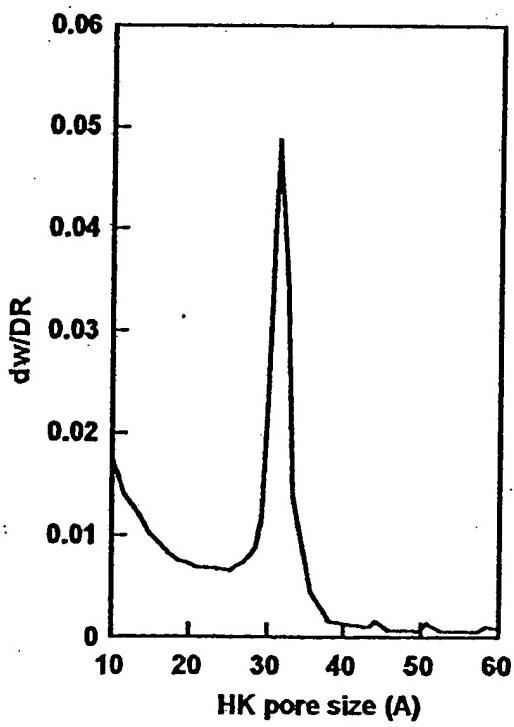


FIGURE 41 (Example 35)

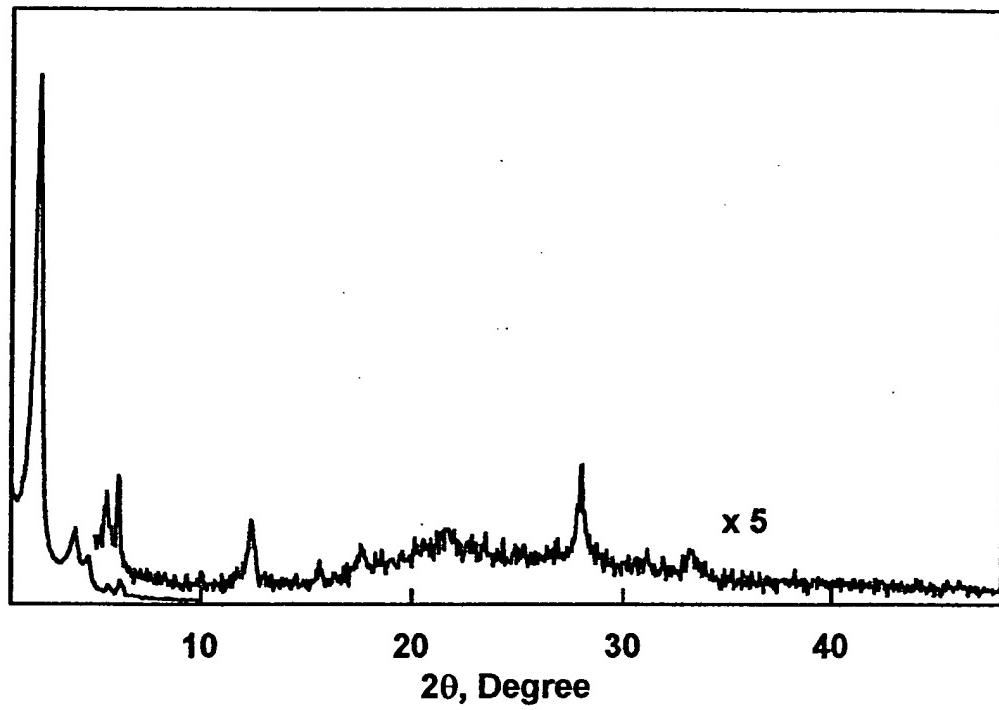


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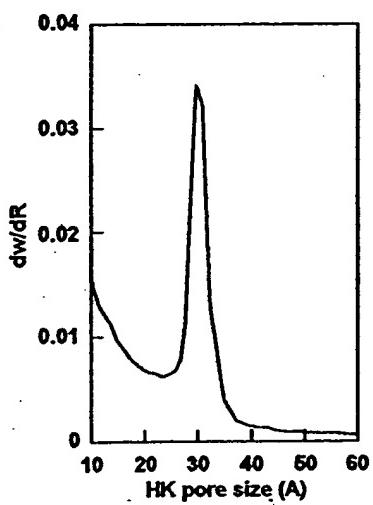
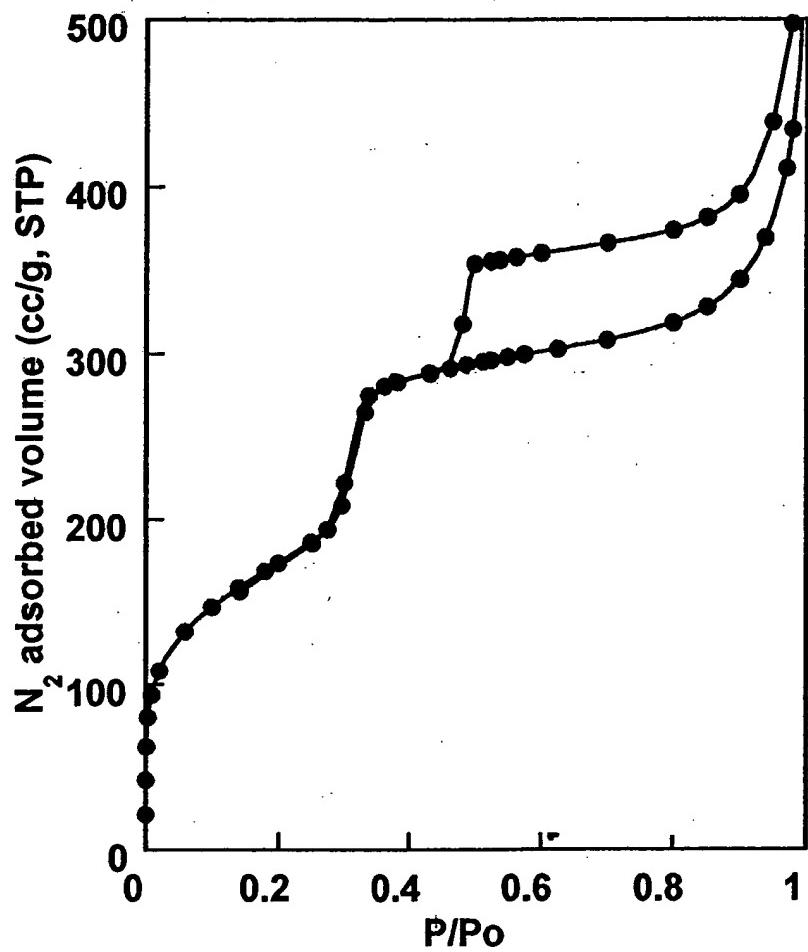


FIGURE 42A

FIGURE 43 (Example 36)

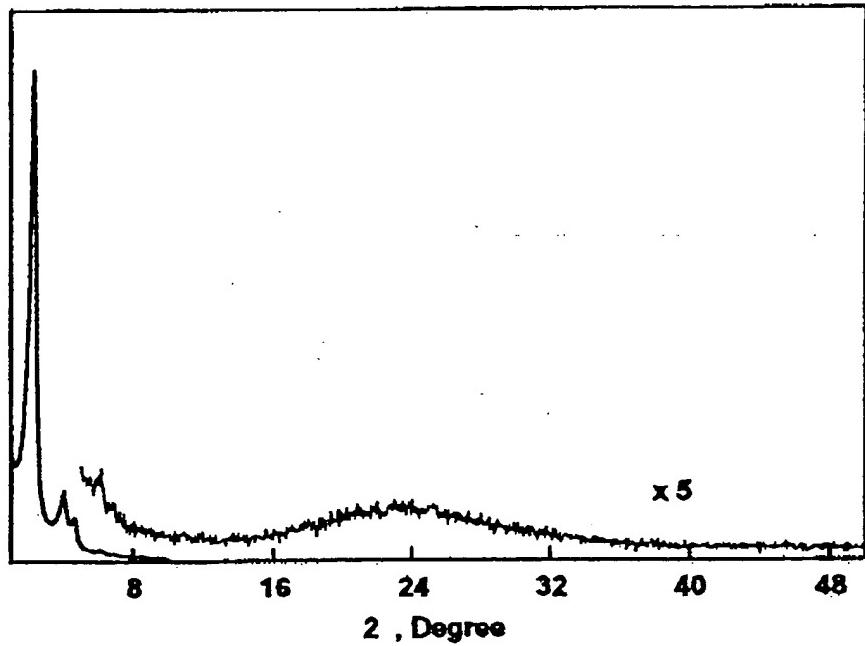


FIGURE 44 (Example 36)

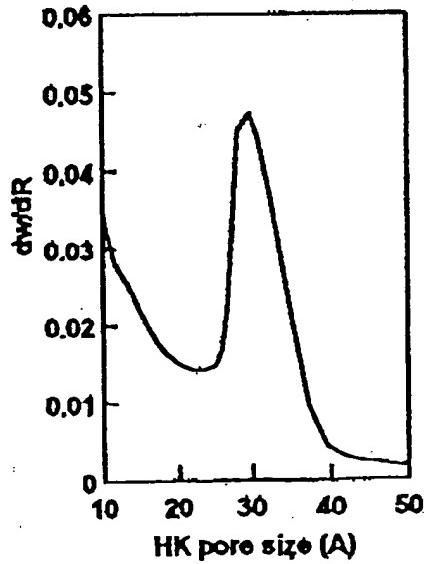
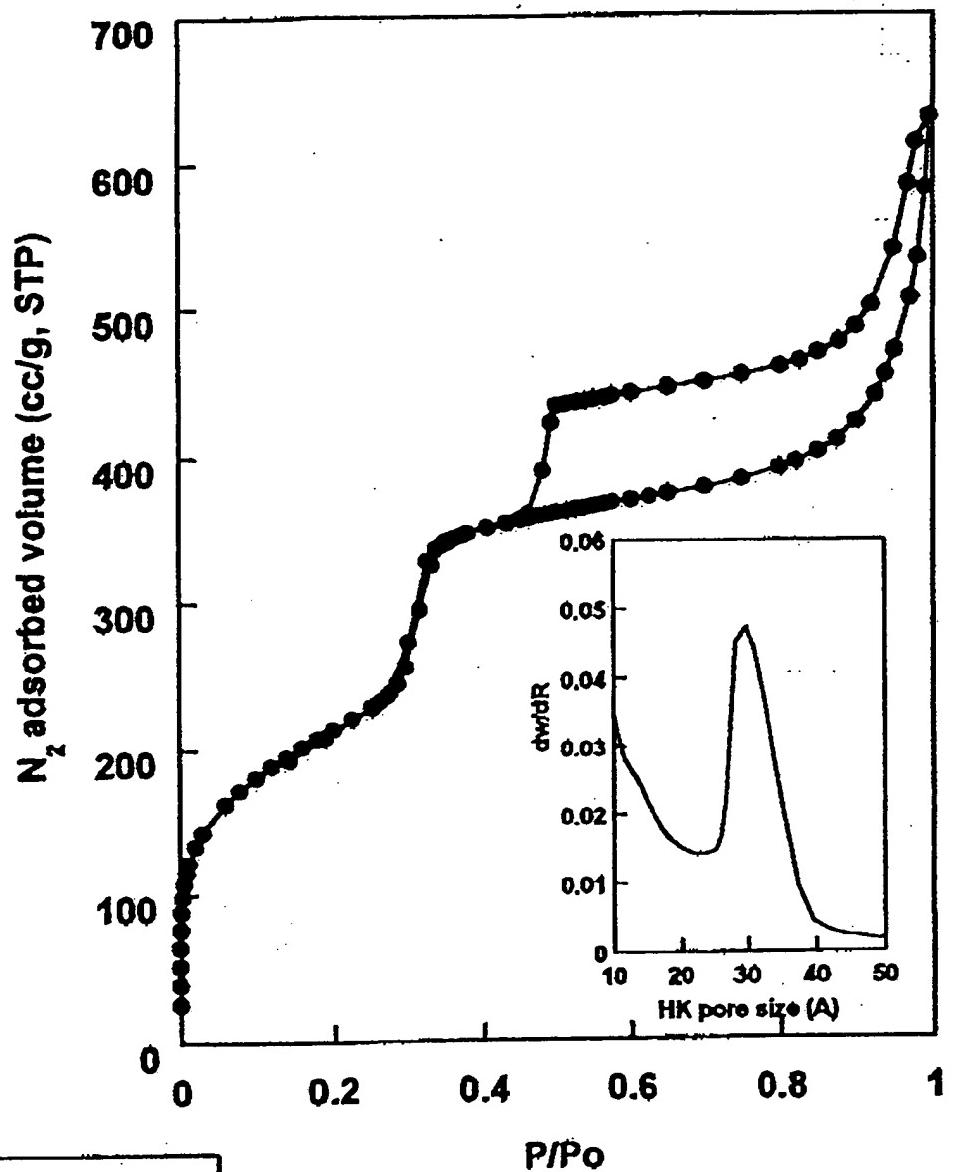


FIGURE 44A

FIGURE 45 (Example 37)

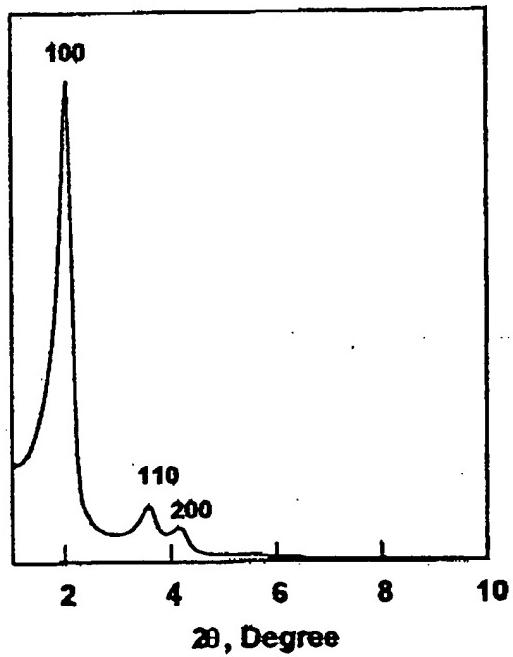
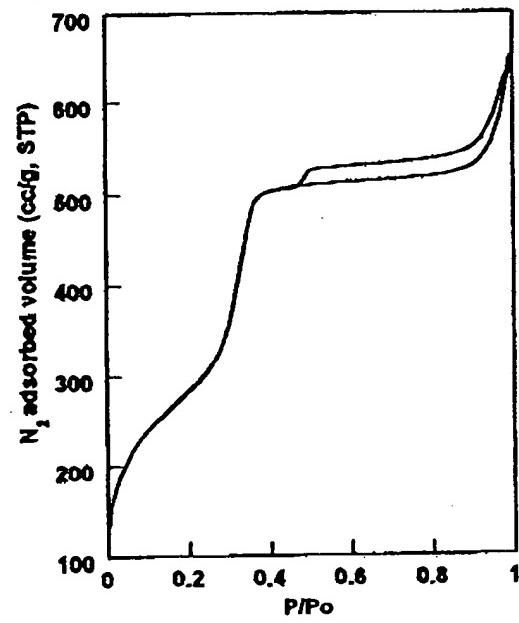


FIGURE 46 (Example 37)



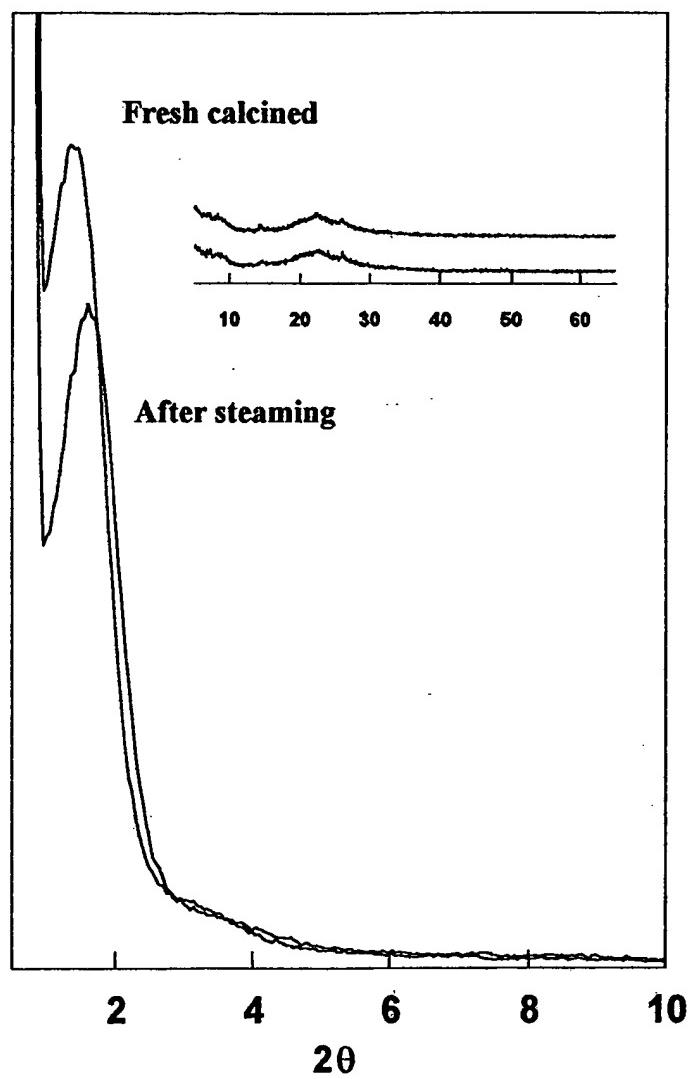


FIGURE 47

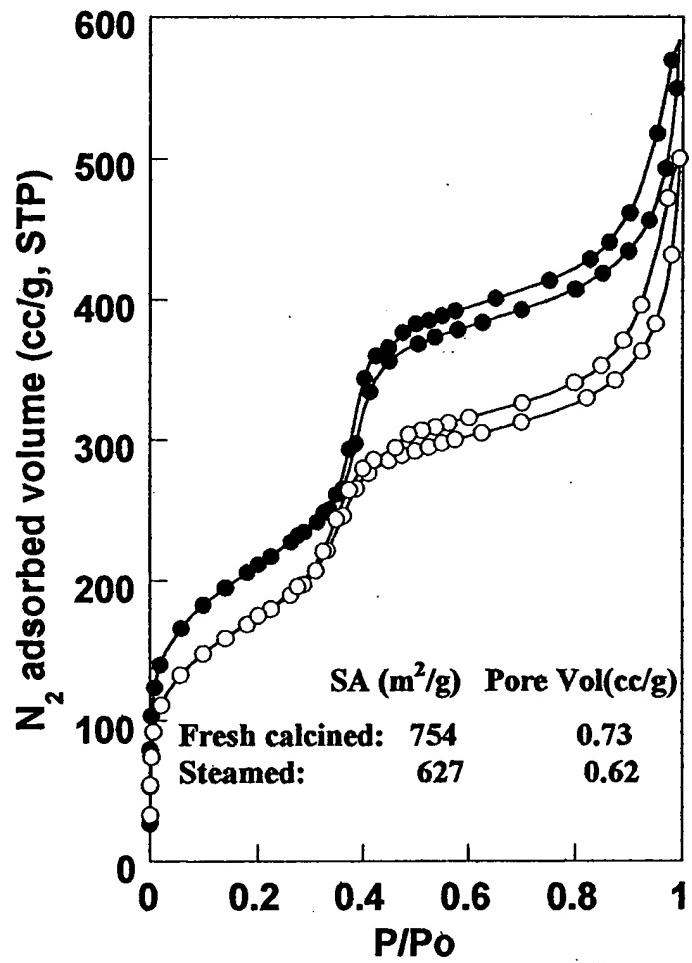


FIGURE 48

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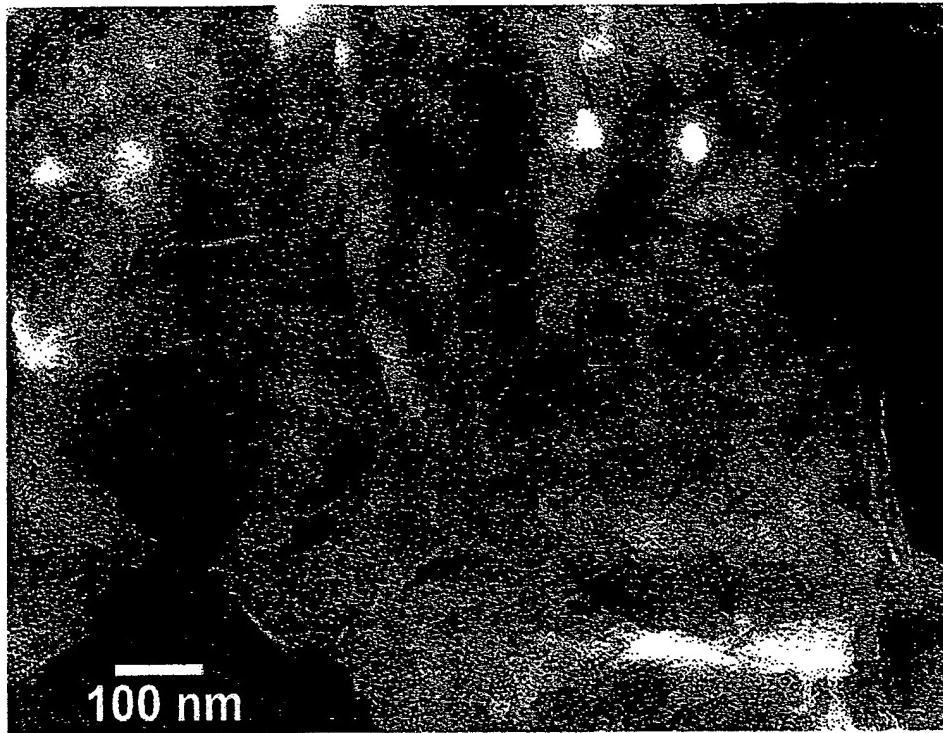


FIGURE 49

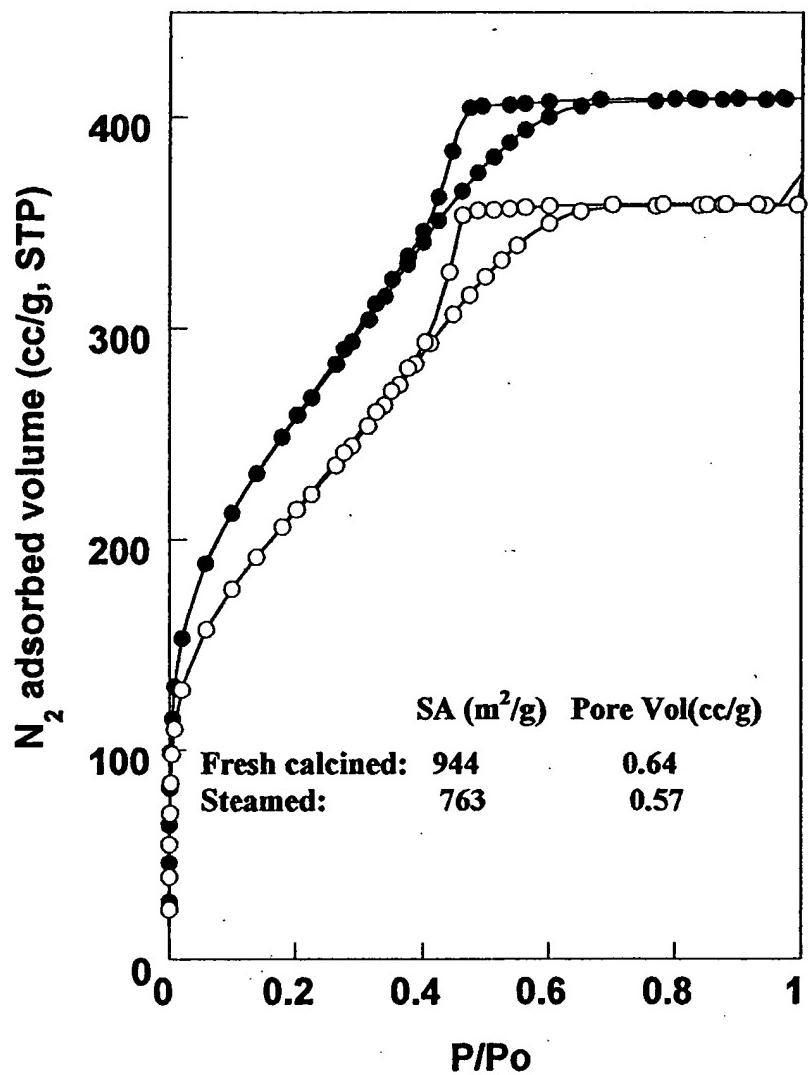


FIGURE 50

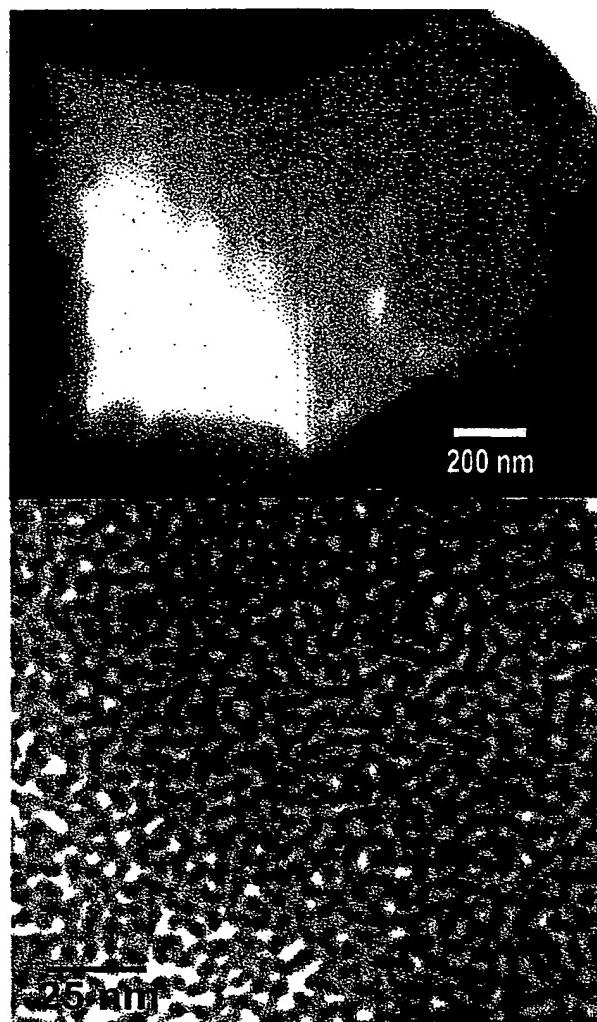


FIGURE 51